



ASTM E1527-13 Phase I Environmental Site Assessment

930 East Virginia Beach Boulevard
(Former Red Carpet Inn Site)
Norfolk, Virginia 23504

City of Norfolk
Office of Resilience
501 Boush Street
Norfolk, Virginia 23510

SCS ENGINEERS

SCS Project No. 02218113.06 | August 6, 2019

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THIS PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA) REPORT FOR REAL PROPERTY, ENCOMPASSING APPROXIMATELY 4.55 ACRES AND LOCATED AT 930 EAST VIRGINIA BEACH BOULEVARD IN NORFOLK, VIRGINIA, WAS PREPARED BY ALEXIS HOLCOMB, AND REVIEWED BY JOHN TABELLA OF SCS ENGINEERS.

WE DECLARE THAT, TO THE BEST OF OUR PROFESSIONAL KNOWLEDGE AND BELIEF, WE MEET THE DEFINITION OF AN ENVIRONMENTAL PROFESSIONAL AS DEFINED IN 40 CFR 312.10. THE QUALIFICATIONS OF THE INDIVIDUALS BELOW ARE INCLUDED IN SECTION 12. WE HAVE THE SPECIFIC QUALIFICATIONS BASED ON EDUCATION, TRAINING, AND EXPERIENCE TO ASSESS A PROPERTY OF THE NATURE, HISTORY, AND SETTING OF THE SUBJECT SITE. WE HAVE DEVELOPED AND PERFORMED THE ALL-APPROPRIATE INQUIRIES IN CONFORMANCE WITH THE STANDARDS AND PRACTICES SET FORTH IN 40 CFR PART 312.



Alexis Holcomb
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EXECUTIVE SUMMARY

Property Information:

Parcel ID	Address	Location	Owner
1437388630	930 East Virginia Beach Boulevard	36°51'19.66" N 76°16'30.14" W	City of Norfolk

Date Phase I Property Reconnaissance Conducted: July 15, 2019

Date of Report: August 6, 2019

Type of Report: Phase I Environmental Site Assessment, conducted in general accordance with ASTM E1527-13

Prepared for: The City of Norfolk Office of Resilience

Prepared by: SCS Engineers

Property Description:

- The Property is comprised of one parcel of land encompassing 4.55 acres.
- The Property parcel is described in the Norfolk Tax Records as: **Parcel A-1**.
- The Property is currently comprised of a vacant grass-covered lot.
- The Property is relatively flat, and stormwater is allowed to naturally infiltrate the property. Shallow groundwater flow is inferred to be southwesterly towards the Elizabeth River.
- The Property elevation is approximately 10 feet above mean sea level (MSL).
- The Property is currently mapped as being within a special flood hazard, Zone AE (areas with a base flood elevation), and within Zone X (areas within the 0.2% annual chance flood hazard) by FEMA.
- The Property's surficial geology consists of Quaternary-age alluvium.
- Soils at the Property are primarily classified as Urban land.
- No aboveground tanks, water wells, groundwater monitoring wells, or other environmentally-significant features were located on the Property.
- According to the earliest historical record sources (1898 Sanborn map), the subject Site is developed, occupied by residences and the Farmers Manufacturing Company crates and basket makers business. This represents a data failure, as records back to the first developed use were not readily available. Throughout the years, the subject Site was reconfigured and redeveloped with residential and commercial entities. Past uses of environmental concern include the Norfolk & Ocean View railroad spurs (1898) and automotive, lumberyard, and junk yards (1950). By 1970, the subject Site included the Holiday Inn Motel and associated buildings, which continued

operation until sometime in 2002. By 2003, the subject Site was vacant, and has remained as such since. Historical sources did not identify the Red Carpet Inn specifically. The Client provided this information to SCS.

- The surrounding areas were developed with residential and commercial properties. Additional development of commercial properties has occurred throughout the years in the immediate surrounding area, with adjacent properties of potential concern including an automotive filling station (1928 – 1950) to the southwest of the subject Site. The filling station is presumably down-gradient of the subject Site and the location is not listed in the LUST or VRP database records. Therefore, it is unlikely to have negatively affected the subject Site.

Current Uses of Adjoining Properties:

- North: Apartment complex and the Norfolk Health & Rehabilitation Center
- East: Tidewater Drive, followed by a commercial properties
- West: Apartment complex and Chapel Street, followed by residential properties
- South: East Virginia Beach Boulevard, followed by residential properties

Current Well Records:

- According to the EDR GeoCheck report, there are 2 water wells within a 1-mile radius of the Property, which could be potential receptors if contamination on-site were identified.
- According to the database report maps of Oil and Gas Wells, there are no active oil or gas wells within a 0.5-mile radius of the Property.

Report Database Records:

- The Property was not identified in the EDR environmental database report.
- Ten UST and nine LUST sites are identified within their respective ASTM E1527-13 search radii. The identified LUST cases, with the exception of one, are closed. Petroleum impacts associated with the open LUST case at 1139 Princess Anne Road (Park Ave Service Center) appear to be isolated to that site and do not appear to have migrated to the subject Site off-site (i.e., down-gradient and towards the subject Site). Therefore, this off-site facility is not considered an environmental concern to the subject Site.

Data Gaps:

- Historical data gaps were identified during the preparation of this report. No historical source documents were readily-available from when the subject Site was first undeveloped. The earliest historical source document (1898 Sanborn map) shows the subject Site as developed. It is our opinion that the data gap is insignificant with respect to our conclusions.
- Information requests have not been received from the Virginia Health Department or Norfolk Fire Marshal's Office as of the date of the report. It is our opinion that the data gap is insignificant with respect to our conclusions.

Recognized Environmental Conditions (RECs):

- Recognized environmental conditions were not identified during completion of this Phase I ESA.

Historical Recognized Environmental Conditions (HRECs):

- Historical RECs were not identified during completion of this Phase I ESA.

Controlled Recognized Environmental Conditions (CRECs):

- Controlled RECs were not identified during completion of this Phase I ESA.

Business Environmental Risks (BERs):

- Historical uses of the subject Site included the Norfolk & Ocean View railroad, an automotive repair facility, waste paper storage facility, junk yard, and lumberyard. These are activities of potential environmental concern and represent a BER.
- The off-site Magazine & Book Division, located at 1108 Tidewater Drive (adjacent to the east of the subject Site) is listed on the EDR database as a UST and LUST facility. The leaking underground storage tank was reported in October 1993 to the VDEQ and Pollution Complaint Case No. 1994-0681 was opened. According to information presented in EDR's database report, the UST and associated piping were removed and contaminated soils were excavated for off-site disposal after investigations. Groundwater was field screened and did not indicate evidence of gasoline contamination; therefore, no groundwater samples were collected. According to information within previous reports (1993), contaminated soils were removed and disposed of off-site. A January 1994 letter from VDEQ reports that contamination levels following initial abatement activities did not warrant further corrective action and the case was closed. Although contaminated soils were removed from the property, groundwater was not analyzed and residual contamination is possible, which could pose a vapor encroachment concern to the subject Site. Therefore, this off-site facility is considered a BER to the subject Site.
- The off-site Taylor Salt & Chemical Co. Inc., located at 1128 Cooke Avenue (approximately 530 feet east of the Subject Site) is listed on the EDR database as a UST facility for one inactive gasoline underground storage tank. The tank is listed as permanently out of use. According to documentation provided by the VDEQ a site visit of the facility was conducted in January 2006. The VDEQ inspector noted that Taylor Salt & Chemical was no longer in business and, in speaking with the new property and business owner, it was revealed that the tank was permanently out of use. No closure documentation is available. Based on the lack of closure and subsurface investigation documentation, the potential for subsurface contamination exists, and if a significant release had occurred, contaminants could have migrated off-site. The potential for this off-site facility to have negatively impacted the subject Site cannot be ruled out. Therefore, this off-site listing is considered a BER to the subject Site.

Vapor Encroachment Condition (VEC):

- Based on the information obtained for this Phase I ESA, the potential for impacts from off-site sources (Magazine & Book Division and Taylor Salt & Chemical Co. Inc.) is considered moderate, and the off-site sources represent a potential vapor encroachment condition (VEC) to the subject Site.

1 INTRODUCTION

SCS Engineers was retained by the City of Norfolk Office of Resilience (the “Client”) to prepare an ASTM E1527-13 Phase I Environmental Site Assessment (ESA) for real property, encompassing 4.55 acres located at 930 East Virginia Beach Boulevard in Norfolk, VA. A location map for the subject Site is included in **Appendix A**.

Location

The subject Site is currently owned by the City of Norfolk and is comprised of the one parcel listed below.

GPIN	Owner	Legal Description
1437388630	The City of Norfolk	Parcel A-1

Purpose

The purpose of this Phase I ESA is to identify *recognized environmental conditions (RECs)* present at the subject Site as a result of current or historical site land use or activities, or from known or suspected off-site sources.

Scope of Services

This Phase I ESA is based on:

- Reviews of federal, tribal, state, and local government records.
- Visual reconnaissance of the subject Site and adjoining properties.
- Review of historical site use information (topographic maps, aerial photographs, fire insurance maps, existing reports, etc.).
- Commonly known or reasonably ascertainable information about the subject Site (e.g., interviews with appropriate regulatory agency personnel and review of agency files, review of available documents, interviews with other knowledgeable persons).
- Degree of obviousness of the presence or likely presence of contamination at the subject Site, and the ability to detect the contamination by appropriate investigation.
- Information provided as a result of additional inquiries conducted by the User.

This Phase I ESA was conducted in accordance with the following standards or requirements:

- U.S. Environmental Protection Agency (USEPA), 40 CFR Part 312, Standards and Practices for All Appropriate Inquiries; Final Rule (AAI);
- ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*; and
- The scope, conditions, and limitations of the Contract between SCS and Client.

The Client understands that the above-referenced USEPA and ASTM standards were not developed to identify all environmental risks to the subject Site. The standards were developed to allow a User (Client) to qualify for the innocent purchaser defense, bona fide prospective purchaser defense, and contiguous property owner defense to landowner liabilities under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA, aka Superfund) and subsequent amendments.

This Phase I ESA is intended to constitute an appropriate inquiry into the previous ownership and uses of the subject Site consistent with good commercial and customary practice, as part of the due diligence process required by CERCLA, the Superfund Amendments and Reauthorization Act of 1986 (SARA), and the Small Business Liability Relief and Brownfields Revitalization Act of 2002 (Acts).

Please note that this Phase I ESA may initially qualify the Client for a CERCLA defense. However, after purchase there may be “continuing obligations” that must be implemented in order to preserve this defense through the term of subject Site ownership. There may be additional requirements under state laws that also apply. The Client should contact qualified legal counsel regarding matters of liability, interpretation of the Acts, and likely continuing obligations. While it is outside the scope of this Phase I ESA, SCS would be pleased to work with your legal counsel to develop and implement a strategy to preserve your CERCLA liability defenses through the term of your ownership.

Limitations and Exceptions

This Phase I ESA focused on likely sources of petroleum products and hazardous substances that could be considered a recognized environmental condition and liability due to their presence in significant concentrations (e.g., above acceptable limits set by the federal, state, or local government) or due to the likely for exposure and risk due to contaminant migration and complete exposure pathways (e.g., soil vapor inhalation or groundwater ingestion). Materials that contain substances that are not currently deemed hazardous by the United States Environmental Protection Agency (USEPA) or the state environmental agency were not considered as part of this Phase I ESA.

Unless specifically included in SCS’s scope of services, an evaluation of building materials such as asbestos, lead-based paint, lead in drinking water, urea formaldehyde, and pressure-treated lumber has not been considered in this Phase I ESA, nor are building issues such as fire safety, indoor air quality (except as it may be related to likely subsurface vapor encroachment), mold, or similar matters. SCS did not evaluate the subject Site for compliance with land use, zoning, or similar laws. This Phase I ESA also excludes cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, and high-voltage power lines. This Phase I ESA is not intended to be a comprehensive environmental compliance audit.

Hazardous substances occurring naturally in plants, soils, and rocks (e.g., heavy metals, naturally occurring asbestos, or radon) are not typically considered in these investigations. Similarly, construction debris (e.g., discarded concrete, asphalt) is not considered, unless obvious signs suggest that hazardous substances are likely to be present in significant concentrations or likely to migrate.

SCS assumes no responsibility for the accuracy of information obtained from, compiled by, or provided by third-party sources, such as regulatory agency listings. Unless obviously inaccurate or if information exists to the contrary, SCS assumes that information collected during this ESA is accurate and correct. Unless warranted, information collected has not been independently validated as part of this assessment.

Certain other limitations could affect the accuracy and completeness of these reports, such as:

- Physical Obstructions to Observations – None.
- Outstanding Information Requests – Information requests have not been received from the Virginia Health Department or Norfolk Fire Marshal's Office as of the date of the report.
- Historical Data Sources Failure – Section 8 of the ASTM E1527-13 standard practice requires that standard historical sources be reviewed back to the first developed use. Readily available historical sources obtained for the subject Site do not identify the first developed use of the property. Therefore, this represents a data gap. Historical site uses have changed over time (i.e., the site has been developed since at least 1898 with various commercial facilities: railroads, automotive repair, waste paper storage facility, junk yard, and lumberyard). It is unknown how long these entities occupied the subject Site. These are activities of potential environmental concern. Based on the information obtained to date, this data gap is not considered significant.
- Other – None.

Significant Assumptions

Based on the documents reviewed, interviews with knowledgeable parties, and the site reconnaissance, the following significant assumptions are made regarding the subject Site:

- Unless obviously inaccurate or if information exists to the contrary, SCS assumes that information collected during this ESA is accurate and correct. Unless warranted, information collected has not been independently validated as part of this ESA.
- The regional shallow groundwater flow direction is assumed to be to the south/southwest towards the Eastern Branch of the Elizabeth River; however, may be locally influenced by onsite drainage, nearby pumping wells, and other factors. General surface flow of stormwater on-site is towards slight depressions in the topography, and stormwater is allowed to naturally infiltrate the unpaved surfaces of the property.

Special Terms and Conditions

This Phase I ESA report has been prepared specifically for our Client's use. The report has been prepared in accordance with the care and skill generally exercised by reputable professionals, under similar circumstances, in this or similar localities. No other warranty, express or implied, is made as to the professional opinions presented herein.

No other party, known or unknown to SCS, is intended as a beneficiary of this work product, its content or information embedded therein. Client may choose to share the contents of this report with any third party. However, third parties use and rely on this report at their own risk. Third party reliance letters may be issued on request to SCS subject to approval of Client and payment to SCS of a fee for preparation of such letters.

2 USER PROVIDED INFORMATION

To qualify for one of the landowner liability protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, 40 CFR Part 312 requires that the User (Client) conduct additional inquiries, and the findings of such additional inquiries should be provided to the environmental professional for consideration.

The User's representative, Mr. Zubin Adrianvala, with the City of Norfolk Office of Resilience, completed a User Questionnaire on July 18, 2019. According to Mr. Adrianvala, no environmental cleanup liens or activity use limitations are registered with the subject Site. He has no specialized knowledge or experience with the subject Site, specific chemicals that are present or were once present, spills or other chemical releases, and environmental cleanups that have taken place. Mr. Adrianvala indicated that the Red Carpet Inn motel formerly operated on-site. A copy of the User Questionnaire is included in **Appendix E**.

Title Records

Title records for the subject Site were not provided to SCS by the Client. Review of such records was not included as part of the scope of services to be performed by SCS.

3 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Local Agency Records

SCS submitted Agency File requests to the following agencies:

- Virginia Health District Environmental Health Division
- Norfolk FOIA Office
- Norfolk Fire Marshal's Office
- Virginia Department of Environmental Quality – Tidewater Regional Office

Environmental records associated with utilities (i.e., septic systems, wells, etc.), hazardous and solid waste, water, air, remediation activities, emergency responses, spills/releases, underground and aboveground storage tanks were requested from the above-referenced regulatory agencies. It should be noted that summarized information received from the agencies is not intended to be all inclusive of the complete files obtained from the agencies; but only to summarize significant findings relative to identification of RECs or other noteworthy environmental findings.

Records from the VDEQ were provided for the off-site facilities, which included tank registration documents, site characterizations and/or initial abatement reports, tank closure reports, as well as pollution complaint closure letters for those off-site properties of potential concern (see Section 5 for additional details). On July 12, 2019, SCS received a response from the City of Norfolk indicating they did not have records pertaining the subject Site. In an email dated July 11, 2019, the Virginia Health Department forwarded our information request to other individuals within the Health Department. To date no other response has been received. Likewise, no response from the Fire Department was provided prior to completion of this Phase I ESA. Upon review of additional documentation (if any) from the agencies, SCS will submit an addendum letter summarizing the material findings and discussing whether there are new conclusions of this report based on the additional documentation. It should be noted that if the FIOA documentation is not received within 20 days of the date of this Phase I ESA, the requested information is considered not reasonably ascertainable. Responses are provided in **Appendix E**.

4 PHYSICAL SETTING

Topographic Conditions

A topographic map for the subject Site's vicinity was reviewed and is summarized in the following table:

Reported Elevation	Approximately 10 feet above mean sea level.
Reported Slope Direction	The topography of the subject Site is generally flat, with stormwater allowed to naturally infiltrate. Overall, regional shallow groundwater flow is inferred to be to the south/southwest towards the Eastern Branch of the Elizabeth River.
Source	United States Geological Survey 7.5 Minute Topographic Maps, Norfolk South, Virginia, 2016.

General Geologic Conditions

The subject Site is located in the Atlantic Coastal Plain physiographic province, which consists of an eastward-thickening wedge of stratified, unconsolidated to semi-consolidated alluvial and marine deposits. The sediments consist primarily of sand, clay, silt, and gravel with various amounts of shell material that range in age from Cretaceous to Holocene. Underlying the Coastal Plain sediments is a basement rock surface composed of igneous and metamorphic rocks that range in age from Precambrian to Paleozoic. The consolidated rock basement surface forms the basal limit of the Coastal Plain hydrogeologic system, greater than 2,000 feet below the ground surface. Near-surface soil conditions at the subject Site may have been altered by construction and other activities associated with present day development.

According to the Environmental Data Resources' (EDR's) Report Geocheck Physical Setting Source, the lithology in the vicinity of the subject Site is described as being from the Cenozoic Era, the Quaternary System, and the Pleistocene Series. The subject Site is reported to be underlain by Urban land soils.

General Hydrogeologic Setting

According to topographic map interpretation, the subject Site is generally flat and stormwater is allowed to naturally infiltrate. The regional groundwater flow direction is assumed to be to the southwest towards the Eastern Branch of the Elizabeth River.

5 REVIEW OF FEDERAL, STATE AND TRIBAL GOVERNMENT DATABASES

A database search for sites listed on various federal, state, and tribal databases in the area around the subject Site was performed by EDR. A description of each of the databases searched is included in the report. Among the databases included in the EDR report are National Priority List (NPL) (federal, tribal, and state-equivalent), proposed and delisted NPL, CORRACTS (Resource

Conservation and Recovery Act – (RCRA) facilities subject to corrective actions), hazardous waste sites identified for investigation or remediation (Comprehensive Environmental Response, Compensation, and Liability Information System – (CERCLIS), State CERCLIS, Voluntary Cleanup Program (VCP), Brownfields, etc.), Leaking Underground Storage Tanks (LUSTs), sites with engineering controls, former CERCLIS (No Further Remedial Action Planned - NFRAP), RCRA and state hazardous waste generators, Environmental Response Notification System (ERNS), Solid Waste/Landfill Facility (SWLF) and Underground Storage Tanks (USTs).

The review of the records satisfies all requirements as set forth in 40 CFR Section 312.26 (b) and (c) with regard to the review of federal, tribal, and state government records of databases of such government records and local government records and databases of such records pertaining to both the subject Site and the nearby or adjoining properties. Further, the search distances for each particular database are as specified in 40 CFR 312.26.

Any known or suspected contaminated sites included on these lists within 0.25 mile of the subject Site are discussed in the following text. As a general rule, sites beyond 0.25 mile are not anticipated to impact a site significantly. Any sites beyond 0.25 mile with a high likely to impact the subject Site are also discussed.

Sites such as Treatment, Storage, and Disposal facilities (TSD), hazardous waste generators, Hazardous Waste Information System (HAZNET), Facility Index Systems (FINDS), Small Quantity Generators (SQGs), Large Quantity Generators (LQGs), USTs, HIST UST, RCRA violations, and Toxic Chemical Release Inventory System (TRIS) facilities with toxic chemical releases (generally in accordance with permitting requirements - into the air, water, or land as reported under SARA Title III) use or store hazardous materials and thus may pose a likely problem in the event of a spill or leak. However, unless these sites also appear in an agency list of contaminated sites, there is no evidence of any problems at this time. Therefore, sites on these lists will not be discussed unless on or in close proximity to the subject Site.

Please refer to **Appendix C** for additional information on these sites.

Site Listings

According to the EDR report, the subject Site was not identified in the ASTM-specified federal, state, and local databases.

Off-Site and Nearby Listings

Off-site facilities listed in the database report were evaluated as to their likelihood to impact the subject Site. The databases included in the EDR report can be grouped into two general categories: databases reporting unauthorized releases of petroleum products or hazardous substances (e.g., LUSTs, ERNS, CERCLIS [a.k.a. Superfund] sites) and databases reporting permitted hazardous materials users and hazardous waste generators, for which a release has not been reported to, and recorded by, the regulatory agency.

According to the EDR report, nineteen surrounding off-site facilities were identified within 1/4-mile of the subject Site. Of these listings, six were identified as being up-gradient of the subject Site with the potential to impact the subject Site. These six listings are as follows:

Magazine & Book Division

1108 Tidewater Drive

Located adjacent to the east of the subject Site

Database Records: UST, LUST/LTANKS

UST: This facility is listed as having one inactive 2,000-gallon gasoline underground storage tanks that was removed from the ground. According to information provided by the VDEQ, the tank was installed in March 1980 and removed October 1993. A Tank Removal report dated November 5, 1993 was obtained from VDEQ and reviewed confirming the removal of this UST. This listing is included on a leaking database indicating a release to the environment occurred at this facility.

LUST/LTANKS: This facility is listed as a leaking underground storage tank / leaking tanks facility based on a release that was reported in October 1993 to the VDEQ and Pollution Complaint Case No. 1994-0681 was opened. According to information presented in EDR's database report, the UST and associated piping were removed and contaminated soils were excavated for off-site disposal after investigations. Groundwater was reportedly encountered at a depth of approximately 9 feet below grade and through field screening methods, did not indicate evidence of gasoline contamination. No groundwater samples were collected however. According to information within the Tank Removal report, soils contamination was noted in the backfill material that surrounded the tank fill pipe. Two composite stockpile samples were reported by the laboratory to contain hydrocarbon concentrations slightly above the reporting limit (100 mg/kg). An Initial Abatement Report documenting removal and disposal of contaminated soils dated November 5, 1993 was reviewed, which documented soil samples contained no detectable concentrations of hydrocarbons. A January 1994 letter from VDEQ reports that contamination levels following initial abatement activities did not warrant further corrective action and the case was closed. Although contaminated soils were removed from the property, groundwater was not analyzed and residual contamination is possible, which could pose a vapor encroachment concern to the subject Site. Therefore, this off-site facility is considered an environmental concern to the subject Site.

Martin Screen Paints

1015 E. Princess Anne Road

Located ~340 feet east/northeast of the subject Site

Database Records: RCRA-CESQG

RCRA-CESQG: This facility is listed as a conditionally exempt small quantity generator of hazardous waste, which generates a certain amount of hazardous waste per calendar month. No violations were reported in 1997.

Taylor Salt & Chemical Co. Inc.

1128 Cooke Avenue

Located ~530 feet east of the Subject Site

Database Records: UST

UST: This facility is listed for one inactive gasoline underground storage tank. The capacity and installation date for the UST are not reported in the database records. The tank is listed as permanently out of use. According to documentation provided by the VDEQ a site visit of the facility was conducted in January 2006. The VDEQ inspector noted that Taylor Salt & Chemical was no longer in business and, in speaking with the new property and business owner, it was revealed that the tank was permanently out of use. No closure documentation is available. Based on the lack of closure and subsurface investigation documentation, the

potential for subsurface contamination exists, and if a significant release had occurred, contaminants could have migrated off-site. The potential for this off-site facility to have negatively impacted the subject Site cannot be ruled out. Therefore, this off-site listing is considered an environmental concern to the subject Site.

C.E. Holden Co.

1128 Cooke Avenue

Located ~530 feet east of the subject Site

Database Records: RCRA NonGen / NLR

RCRA NonGen/NLR: As of November 2000, this facility is listed as not generating hazardous waste. For 2010, no violations have been reported.

Huntersquare Apt VA6-19

825 Goff Street

Located ~550 feet north of the Subject Site

Database Records: UST

UST: This facility is listed for one inactive 10,000-gallon heating oil underground storage tank. The tank was reportedly installed in November 1978, and is listed as closed in ground. According to the UST Closure Report dated May 1993, obtained from the VDEQ, the 10,000-gallon heating oil tank was closed in place with a concrete slurry and a confirmation soil sample was obtained documenting little to no (<1.0 mg/kg TPH) contamination at the property. Based on the tank closure and lack of any releases, this off-site facility is not considered an environmental concern to the subject Site.

Park Avenue Service Center

1139 Princess Anne Road

Located ~850 feet east of the subject Site

Database Records: UST, LUST/LTANKS

UST: This facility is listed as having two inactive 10,000-gallon gasoline underground storage tanks that were removed from the ground. According to the database report, the tanks were installed in May 1966. Based on information provided by VDEQ several environmental investigations have taken place at this facility. Previous reports prepared by GES Environmental (1992), Stokes Environmental (2006), and Vista Environmental (2010 – 2013) revealed that at least 7 USTs were formerly located at this facility. According to VDEQ, no USTs, associated piping, or dispenser pumps remain on-site (Vista report 2010). There is at least one unresolved petroleum leak which occurred in 1992 (PC 1993-0182) and closure of the case is still pending.

LUST/LTANKS: This facility is listed as a leaking underground storage tank / leaking tanks facility based on a release that was reported in August 1992 to the VDEQ and Pollution Complaint Case No. 1993-0182 was opened. According to information presented in previous environmental investigations elevated TPH in the gasoline range, MTBE, and BTEX were reported in the soil samples collected in the immediate vicinity of the former UST basin area. Groundwater contamination was also reported, with dissolved phase hydrocarbon concentrations reported below the EPA drinking water standards and/or VDEQ regulatory guidelines. According to previous environmental investigative reports, the highest concentrations of contaminants is to the east of this facility and likely extend off the facility's property boundary. Nearby facilities are connected to City water and sanitary sewer. Vapor phase hydrocarbons were reported to possibly be an issue relating to the subsurface conduits that exist immediately to the east and south of this facility. Although this off-site

facility has off-site migration and potential vapor encroachment, based on the distance of this off-site facility to the subject Site, the relatively southward flow of groundwater, and the investigations stating the highest concentrations of contaminants is to the east (i.e., away from the subject Site), this off-site facility is not considered an environmental concern to the subject Site.

Norfolk Recycling Corporation

1148 E. Princess Anne Road

Located ~900 feet to the east/northeast of the subject Site

Database Records: LUST/LTANKS, RCRA-SQG

LUST/LTANKS and SPILLS: This facility is listed as a leaking underground storage tank / leaking tanks facility based on a release reported in September 2007 to the VDEQ and Pollution Complaint Case No. 2008-5026 was opened. Previous environmental reports by dpStudio (2005 and 2009) and URS (2007) revealed residual levels of contamination in the soil and groundwater from a former AST release.

TPH in soil near the former ASTs ranged from 49 to 199 ppm while TPH concentrations in surface soil ranged from 260 to 8,500 ppm, which is above the VDEQ's reporting limit of 100 ppm. MTBE was identified in groundwater near the former ASTs up to 650 ppb, which is less than the typical VDEQ reporting limit of 1 ppm. It was URS' opinion that the petroleum contamination near the former ASTs was due to chronic small spills over time and that the MTBE observed in groundwater may have migrated from an off-site source, probably the nearby Princess Anne Service Center. Although residual levels of contamination exist, it appears the petroleum products in soils are isolated to this facility (i.e., not migrating off-site and toward the subject Site). Based on the distance of this off-site facility from the subject Site, and reported groundwater migration from the south to the north (i.e., away from the subject Site), and no off-site migration of soils contaminants, this facility is not considered an environmental concern to the subject Site.

RCRA-SQG: This facility is listed in the EDR databases as a Small Quantity Generator of hazardous wastes under EPA ID No. VAD98822857. This listing is associated with the former Norfolk Recycling Corporation, which has not been in operation since 2009. According to the database listing and the EPA's Facility Registry Service, no violations are reported for this listing for the year 2014. Based on available information, this former waste generator is not considered an environmental concern to the subject Site.

Vapor Encroachment Condition

The majority of off-site properties identified in the regulatory database search that involved releases of hazardous substances or petroleum products (i.e., leaking USTs) have either achieved a closed status, or are located at distances exceeding the likelihood of impacting the subject Site. However, two nearby off-site facilities with a history of USTs (Magazine & Book and Taylor Salt & Chemical Co. Inc.) could not definitely rule out the possibility of contaminant migration to the subject Site. The potential for impacts from these off-site sources (Magazine & Book Division and Taylor Salt & Chemical Co. Inc.) is considered moderate, and represent a potential vapor encroachment condition (VEC) to the subject Site.

Unmapped or Orphan Sites

The EDR Radius Map Report with GeoCheck identified 10 unmapped orphan sites within proximity to the subject Site. Unmapped sites cannot be plotted due to inaccurate or incomplete addresses. Based on the information presented in the Orphan Detail report, these unmapped facilities are located over ¼-mile from the subject Site. The unmapped sites are listed on the Institutional and Engineering Controls, VCP, UST, and LUST/LTANKS databases. Based on distance, these unmapped sites are not considered environmental concerns to the subject Site.

6 SITE HISTORY

In accordance with ASTM E1527 and the AAI rule, numerous reasonably ascertainable standard historical information references were reviewed, and an attempt was made to interpret the historical subject Site and vicinity land use back to the obvious first developed use of the subject Site.

The following table summarizes the historical resources reviewed as part of this Phase I ESA:

Reference	Source	Years Available
Aerial Photographs	EDR Aerial Photo Decade Package, 08/27/18 Google Earth	1954, 1961, 1963, 1973, 1982, 1990, 1994, 2005, 2009, 2012, and 2016 1964, 1968, 1987, 2002 – 2008, 2010, 2011, 2014, 2015, and 2018
Topographic Maps	EDR Historical Topographic Map Report, 08/24/18	1902, 1907, 1919/1921, 1944, 1948, 1955, 1965, 1970, 1973, 1980, 1986, 1994, and 2013
Sanborn Maps	EDR Certified Sanborn Map Report, 07/10/19	1898, 1910, 1928, 1950, and 1970
City Directories	EDR City Directory Abstract, 04/22/19	1964, 1966, 1971, 1976, 1981, 1986, 1992, 1995, 2000, 2005,

		2010, and 2014
--	--	-------------------

Based on these reference materials, the following table presents a chronology of the subject Site and surrounding area. Copies of historical reference materials are included in **Appendix D**.

Year	Description	Source(s)
1898	<p>The subject Site was developed with several residences, commercial properties, and what appears to be at least two Norfolk & Ocean View railroad spurs. The residences occupied the southwestern, north, and northeastern portions of the property. Commercial properties relating to Farmers Manufacturing Company, makers of crates and baskets, were located in the south/southeastern portion of the property. The Norfolk & Ocean View railroad spurs transected the property west/east in the central portion. Additionally, two roads transected the property, Landing Road (north/south) in the eastern portion and Henry Street (west/east) in the central portion of the property.</p> <p>The surrounding area is primarily residential.</p>	Sanborn Map
1907 - 1928	<p>The subject Site is developed and has been reconfigured with the removal or paving over of the Norfolk & Ocean View railroad spurs, and the addition of Victoria Street, located in the southwestern portion of the property. Further, the Farmers Manufacturing Company had shifted their business to the east and primarily operated on the adjacent parcel, with some storage and warehouse buildings remaining on the subject Site in the central and southeastern portions of the property. The remaining areas of the subject Site were occupied by residences.</p> <p>The surrounding area is primarily residential, with commercial entities to the east and southeast. A filling station is noted adjacent to the subject Site to the southwest in the 1928 Sanborn map.</p>	Sanborn and Topographic Maps
1950 - 1963	<p>The subject Site is developed in the same general configuration as the previous maps with three roads transecting the property: Landing, Henry and Victoria. During this time, residences were located in the northwestern portion of the property and a small area to the south/southeast. The remaining and majority of the subject Site consisted of commercial entities, including an automotive repair facility in the northern portion, a waste paper storage facility, lumberyard, and at least two junk yards located in the southern portion of the property.</p> <p>The surrounding area is primarily residential, with commercial entities to the east and southeast. A filling station is noted</p>	Aerial, Sanborn and Topographic Maps

Year	Description	Source(s)
	adjacent to the subject Site to the southwest in the 1950 Sanborn map.	
1970 - 2002	<p>The subject Site is redeveloped with the removal of Henry and Victoria Streets, and the addition of the Holiday Inn Motel, associated offices and restaurants. Further, smaller commercial and residential buildings were located in the southern and northwestern portion of the property.</p> <p>The surrounding area is primarily residential, with commercial entities to the east and southeast. By 1970, the filling station that was adjacent to the southwest has been replaced by the Tidewater Gardens residential housing complex.</p>	Aerial, Sanborn and Topographic Maps
2002 - 2019	<p>The subject Site is a vacant, grass-covered lot with no structures. A foot path is visible transecting the property diagonally in certain aerial photographs from the southwest to the northeast.</p> <p>The surrounding area is primarily residential, with commercial entities to the east and southeast. As the years progress, additional commercial entities are located to the north of the subject Site.</p>	Aerials and Google Earth

Historical Use Summary of Site

The earliest historical record (Sanborn map from 1898) depicts the subject Site as developed, occupied by residences and the Farmers Manufacturing Company crates and basket makers business. This represents a data failure, as records back to the first developed use (prior to 1898) were not readily available. Throughout the years, the subject Site was reconfigured and redeveloped with residential and commercial entities. Past uses of environmental concern include the Norfolk & Ocean View railroad spurs (at least 1898 through no later than 1910) and automotive, lumberyard, and junk yards (1950 through no later than 1970). It is unknown how long these entities occupied the property; however, these activities indicate a likelihood for petroleum and chemical handling. By 1970, the subject Site included the Holiday Inn Motel and associated buildings, which continued operation until sometime in 2002. Historical resources did not identify the Red Carpet Inn specifically. This information was provided to SCS by the Client. By 2003, the subject Site was vacant, and has remained as such since.

The surrounding areas were developed with residential and commercial properties. Additional development of commercial properties has occurred throughout the years in the immediate surrounding area, with adjacent properties of potential concern including an automotive filling station (1928 – 1950) to the southwest of the subject Site. The filling station is presumably down-gradient of the subject Site and were a leak to have occurred previously, it is unlikely to have negatively affected the subject Site.

7 SITE RECONNAISSANCE

On July 15, 2019, Mr. William Richardson of SCS conducted a visual reconnaissance of the subject Site and surrounding properties. The weather was sunny, and SCS was unaccompanied during the subject Site reconnaissance. A map of the subject Site depicting relevant features is provided in **Appendix A**. Site photographs taken during SCS' reconnaissance are included in **Appendix B**.

The subject Site can be accessed from Virginia Beach Boulevard on the south, where on-street parking parallels the subject Site. There are no on-site driveways that allow parking access to the subject Site. However, there are no fences, walls, or other barriers prohibiting foot traffic on the property. The subject Site is currently an undeveloped, grass-covered lot with small areas of concrete pad remnants in the northeast and stormwater features (i.e., inlets, sewers, and manhole covers) throughout the property. An underground natural gas pipeline exists on-site, which according to four stick-ups pipes observed, parallels Virginia Beach Boulevard to the south. A footpath transects the property from the southwest to the northeast. Additionally, a relatively small amount of trash/debris was observed scattered throughout the property. One pole-mounted transformer was observed on-site in the southwestern portion. The transformer appeared to be relatively new and unlikely to contain PCBs; however, a non-PCB containing placard was not visible from the ground surface.

No surface water bodies or pools of liquid were observed on-site. The subject Site is flat, with rainwater allowed to natural infiltrate or runoff into on-site stormwater inlets.

No recognized environmental conditions (RECs) were identified on the subject Site during the site reconnaissance.

The following table summarizes information in connection with the subject Site:

Parcel Number	1437388630
Area	4.55 acres
Site Land Use	Vacant (former commercial uses; see Section 6)
Occupants	Unoccupied
Number of Buildings	None
Site Grounds	Grass-covered lot
Electricity	None
Source of Heating and Cooling	N/A
High-Power Transmission Lines	None observed on or near the subject Site
Potable Water Source	City of Norfolk
Sanitary Wastewater	N/A

A summary of uses and conditions of the subject Site consistent with the ASTM E1527-13 standard practice is provided below. For each of the uses or conditions identified at the subject Site, detailed information is discussed in the 'Notes' column.

Likely Environmental Concern	Observed	Not Observed	Notes
Hazardous Substances in Connection with the Site Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No evidence of hazardous substances were observed in connection to the subject Site.
Petroleum Products in Connection with the Site Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No evidence of petroleum products were observed nor were signs of a release were observed.
Aboveground or Underground Storage Tanks (ASTs/USTs)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No evidence of ASTs or USTs in connection with the subject Site was observed.
Suspect Containers Not in Connection with Site Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Suspect containers were not observed.
Electrical or Mechanical Equipment Likely to Contain PCBs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious signs or evidence of electrical or mechanical equipment likely to contain PCBs in connection with the subject Site was observed. A pole-mounted electrical transformer is located southwest at the intersection of Virginia Beach Boulevard and Chapel Street.
Exterior or Interior Stains or Corrosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No evidence of stains or corrosion was observed in connection with the subject Site.
Drywells, Drains or Sumps	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No drains, drywells, or sumps were observed in connection with the subject Site.
Process Wastewater Discharges	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious signs or evidence was observed of the generation of process wastewater or related discharges on the subject Site.
Septic or Sewage Tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious signs or evidence of septic or sewage tanks was observed in connection with the subject Site.

Likely Environmental Concern	Observed	Not Observed	Notes
Pits, Ponds or Lagoons	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious signs or evidence was observed on the subject Site of associated pits, ponds or lagoons.
Pools of Liquid or Standing Water	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No pools of liquid or standing water was observed on the subject Site.
Solid Waste Dumping, Landfills or Suspected Fill Material	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No solid waste dumping, landfills, or fill material were observed or identified.
Pesticide and Herbicide Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious signs or evidence was observed of pesticide or herbicide management on the subject Site.
Stained Soil, Leaking Pipes and Equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No stained soil, leaking pipes, or equipment was observed in connection with the subject Site.
Stressed Vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No stressed vegetation was observed on the subject Site.
Wells	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No wells were observed on the subject Site.
Air Emissions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious signs or evidence of any unusual or noxious odors was noted during SCS' onsite reconnaissance.
General Housekeeping Concerns	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No general housekeeping concerns. However, small amounts of discarded trash and debris was observed scattered on-site.
Other Uses or Conditions of Concern	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None.

Adjoining Property Use

The following table summarizes land use and observations in the immediate vicinity of the subject Site. For the purpose of this Phase I ESA, the immediate subject Site vicinity includes those properties interpreted to be adjoining to the subject Site.

Direction	Land Use	Comments
North	Apartment complex and the Norfolk Health & Rehabilitation Center, which is separated by Landing Street. Further north is East Princess Anne Road and Lexington Park Apartments.	No evidence or obvious indications of the use, storage, or generation of hazardous materials/wastes or petroleum products were observed.
East	Tidewater Drive, followed by several commercial properties including Burger King, Economy Lodge motel, and CubeSmart self-storage.	No evidence or obvious indications of the use, storage, or generation of hazardous materials/wastes or petroleum products were observed.
South	East Virginia Beach Boulevard, followed by residential properties.	No evidence or obvious indications of the use, storage, or generation of hazardous materials/wastes or petroleum products were observed.
West	Apartment complex and Chapel Street, followed by residential properties.	No evidence or obvious indications of the use, storage, or generation of hazardous materials/wastes or petroleum products were observed.

8 INTERVIEWS

Section 10.5 of the ASTM Standard E1527-13 requires that the User identify an owner, occupant, or key site manager for interviewing as a part of the due diligence investigation. The User of the Phase I ESA is also considered the Owner (The City of Norfolk). User Provided information has been previously presented in this Report (see Section 2, page 4). No owner or Key Site Manager with knowledge of the Site's history dating back to its first development were identified.

9 FINDINGS

The findings of this Phase I ESA are presented below.

- The subject Site encompasses 4.55 acres of undeveloped, grass-covered land with small areas of concrete pad remnants in the northeast and stormwater features (i.e., inlets, sewers, and manhole covers) throughout the property. An underground natural gas pipeline exists on-site, which according to four stick-ups pipes observed, parallels Virginia Beach Boulevard to the south. A footpath transects the property from the southwest to the northeast, and one pole-mounted transformers is located on-site. No water bodies are located on-site and the subject Site is relatively flat.
- The earliest historical record (Sanborn map from 1898) depicts the subject Site as developed, occupied by residences and the Farmers Manufacturing Company crates and basket makers business. This represents a data failure, as records back to the first developed use were not readily available. Throughout the years, the subject Site was reconfigured and redeveloped with residential and commercial entities. Past uses of environmental concern include the Norfolk & Ocean View railroad spurs (1898-1910) and automotive, lumberyard, and junk yards (1950-1970). By 1970, the subject Site included the

Holiday Inn Motel and associated buildings, which continued operation until sometime in 2002. By 2003, the subject Site was vacant, and has remained as such since.

- The subject Site was not identified in the EDR environmental database report.
- Off-site facilities listed in the database report were evaluated as to their likelihood to adversely impact the subject Site. According to the EDR report, nineteen surrounding off-site facilities were identified within 1/4-mile of the subject Site. Of these listings, six were identified as being up-gradient of the subject Site with the potential to impact the subject Site. Based on the distance of these off-site facilities from the subject Site, the localized nature of leaking cases (i.e., no off-site migration of contaminants), remedial efforts conducted for the off-site facilities, and obtaining case closure by the regulatory authority, these off-site facilities are not considered an environmental concern to the subject Site.

Limiting Conditions

No limiting conditions were experienced in completion of the Phase I ESA.

Data Gaps

A data gap represents an inability on the part of the environmental professional to obtain information required by the standards and practices of 40 CFR 312 to fully identify conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the site. The following data gaps were encountered in conducting this Phase I ESA:

- Section 8 of ASTM Standard E1527-13 requires that standard historical sources be reviewed at five-year intervals and back to first undeveloped use. Historical topographic maps and aerial photographs provided for the subject Site do not meet the historical five-year interval or date back to the property's first undeveloped use. This represents a data gap. Additionally, the first historical record (Sanborn map dating back to 1898) depicts the subject Site as developed. While this is considered a data gap, based on the reasonably ascertainable information obtained from the site reconnaissance and data reviewed detailing relative consistent land use (commercial and then vacant), it is unlikely that additional information obtained from historical records would impact the conclusions of this report.
- Information requests have not been received from the Virginia Health Department or Norfolk Fire Marshal's Office as of the date of the report. It is our opinion that the data gap is insignificant with respect to our conclusions.

It is our opinion that this data gap is insignificant with respect to our conclusions.

10 CONCLUSIONS

SCS has performed a Phase I Environmental Site Assessment for real property, encompassing 4.55 acres located at 930 East Virginia Beach Boulevard in Norfolk, Virginia in conformance with the scope and limitations of 40 CFR 312 and ASTM 1527-13. Based on the findings presented above, SCS concludes the following:

Recognized Environmental Conditions (RECs):

- Recognized environmental conditions were not identified during completion of this Phase I ESA.

Historical Recognized Environmental Conditions (HRECs):

- Historical RECs were not identified during completion of this Phase I ESA.

Controlled Recognized Environmental Conditions (CRECs):

- Controlled RECs were not identified during completion of this Phase I ESA.

Business Environmental Risks (BERs):

- Historical uses of the subject Site included the Norfolk & Ocean View railroad, an automotive repair facility, waste paper storage facility, junk yard, and lumberyard. These are activities of potential environmental concern and represent a BER.
- The off-site Magazine & Book Division, located at 1108 Tidewater Drive (adjacent to the east of the subject Site) is listed on the EDR database as a UST and LUST facility. The leaking underground storage tank was reported in October 1993 to the VDEQ and Pollution Complaint Case No. 1994-0681 was opened. According to information presented in EDR's database report, the UST and associated piping were removed and contaminated soils were excavated for off-site disposal after investigations. Groundwater was field screened and did not indicate evidence of gasoline contamination; therefore, no groundwater samples were collected. According to information within previous reports (1993), contaminated soils were removed and disposed of off-site. A January 1994 letter from VDEQ reports that contamination levels following initial abatement activities did not warrant further corrective action and the case was closed. Although contaminated soils were removed from the property, groundwater was not analyzed and residual contamination is possible, which could pose a vapor encroachment concern to the subject Site. Therefore, this off-site facility is considered a BER to the subject Site.
- The off-site Taylor Salt & Chemical Co. Inc., located at 1128 Cooke Avenue (approximately 530 feet east of the Subject Site) is listed on the EDR database as a UST facility for one inactive gasoline underground storage tank. The tank is listed as permanently out of use. According to documentation provided by the VDEQ a site visit of the facility was conducted in January 2006. The VDEQ inspector noted that Taylor Salt & Chemical was no longer in business and, in speaking with the new property and business owner, it was revealed that the tank was permanently out of use. No closure documentation is available. Based on the lack of closure and subsurface investigation documentation, the potential for subsurface contamination exists, and if a significant release had occurred, contaminants could have migrated off-site. The potential for this off-site facility to have negatively impacted the subject Site cannot be ruled out. Therefore, this off-site listing is considered a BER to the subject Site.

Vapor Encroachment Condition (VEC):

- Based on the information obtained for this Phase I ESA, the potential for impacts from off-site sources (Magazine & Book Division and Taylor Salt & Chemical Co. Inc.) is considered moderate, and the off-site sources represent a potential vapor encroachment condition (VEC) to the subject Site.

11 REFERENCES

- ASTM, Standard E 1527-13, *Standard Practice for Phase I Environmental Site Assessments: Phase I Environmental Site Assessment Process*.
- Environmental Data Resources, Inc., *Radius Map Report with GeoCheck®*, July 10, 2019.
- Environmental Data Resources, Inc. *Certified Sanborn Map Report*, July 10, 2019.
- Environmental Data Resources, Inc. *Historical Topographic Map Report*, August 24, 2018.
- Environmental Data Resources, Inc. *Aerial Photographs Decade Package*, August 27, 2018.
- Environmental Data Resources, Inc. *City Directory Image Report*, July 12, 2019.
- “FEMA Flood Map Service Center.” *Search by Address View/Print FRIM*, Federal Emergency Management Agency, 17 Feb. 2017, msc.fema.gov/portal/home.
- Phase II Environmental Site Assessment, 1139 East Princess Anne Road, Norfolk, VA by Stokes Environmental Associates, Ltd. (Stokes), March 2, 2006.
- Site Characterization Report, Former Park Avenue Service Center, 1139 East Princess Anne Road, Norfolk, VA by Vista Environmental, Inc., December 17, 2010.
- Site Check/Initial Abatement Report, Union 76 Station, 1139 East Princess Anne Road, Norfolk, VA by GES Environmental, Inc. (GES), October 1, 1992.
- Site Mitigation Report, Norfolk Recycling Facility, 1148 East Princess Anne Road, Norfolk, VA by URS Corporation (URS), November 28, 2007.
- Underground Storage Tank Removal for ARA Services, Inc., 1108 Tidewater Drive, Norfolk, VA by W.E.L. Enterprises, November 2, 1993.
- Web Soil Survey*, United States Department of Agriculture, websoilsurvey.sc.egov.usda.gov/app/websoilsurvey.aspx.

12 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

This Phase I Environmental Site Assessment report was prepared by or under the supervision of the following professionals:

Alexis Holcomb – Project Professional Ms. Holcomb is a Project Professional with SCS's Environmental Services division, and provides environmental support for projects performed out of SCS's Virginia Beach, VA office. Ms. Holcomb has six years of environmental experience, including Phase I ESAs.

John Tabella, P.G. - Project Director Mr. Tabella is a Project Director and the Environmental Services Group Leader for SCS's Reston, VA office. Mr. Tabella oversees all aspects of environmental services opportunities and projects primarily throughout the U.S. Mr. Tabella has over 25 years of board environmental experience, covering environmental due diligence, mergers and acquisitions, environmental site characterization, remedial design and construction, environmental regulatory compliance and permitting, industrial hygiene, and health and safety.

Endnotes:

ⁱ Adjoining is defined by ASTM E1527-13 as any real property the border of which is contiguous or partially contiguous with that of the Site or would be contiguous or partially contiguous with that of the Site but for a street, road, or other public thoroughfare separating them.

Appendices

Appendix A

Figures

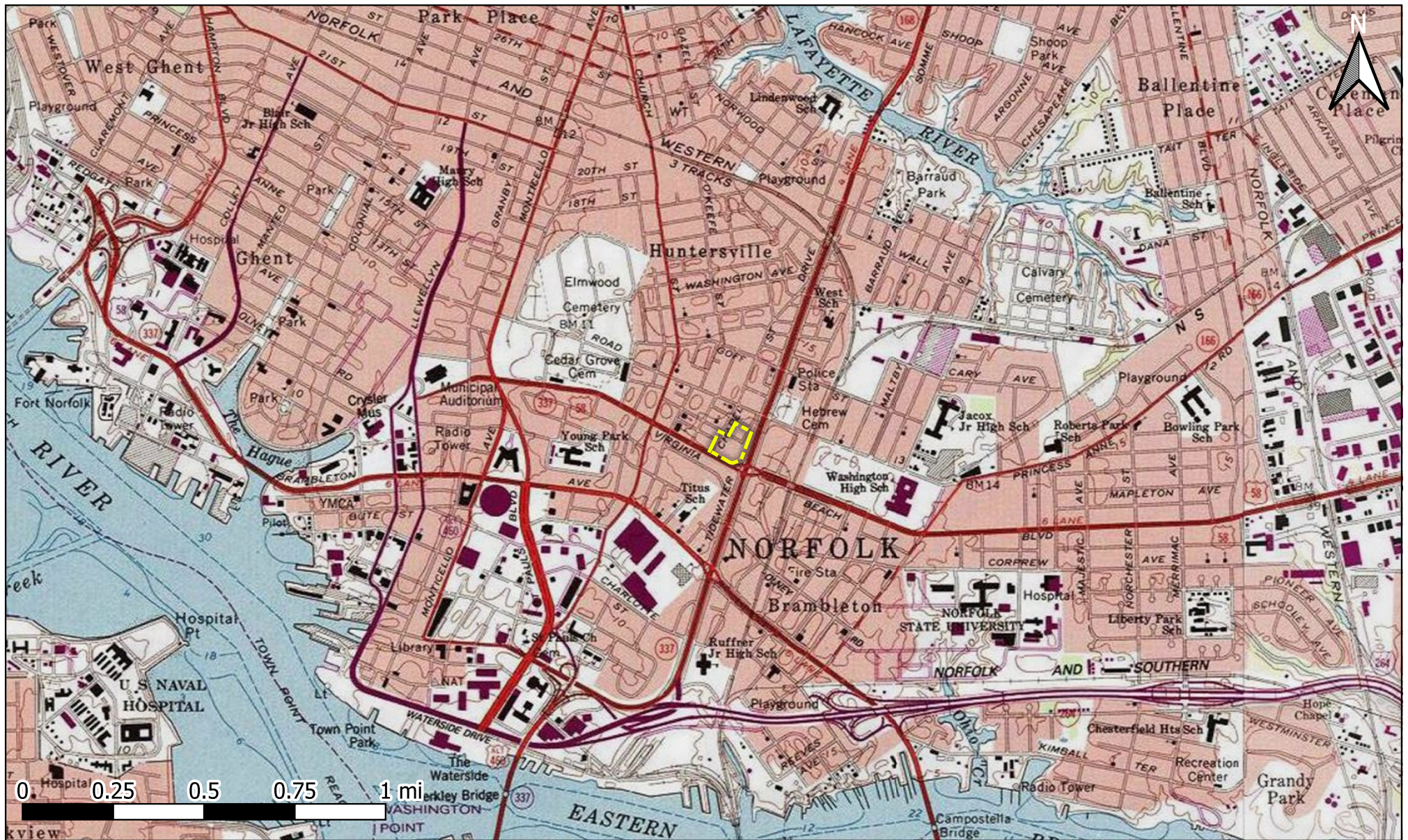


Figure 1. Site Location Map

930 East Virginia Beach Blvd
Norfolk, VA

SCS Project No. 02218113.06

 Approximate Site Boundary

Source: USGS Norfolk South, VA Quadrangle (1984)

SCS ENGINEERS



Approximate Site Boundary



Concrete Pad Remnants



Gas Stick-Up Pipes



Electrical Box



Hydrant



Pole-Mounted Transformer

Figure 2. Site Vicinity Map

930 East Virginia Beach Blvd

Norfolk, VA

SCS Project No. 02218113.06

Source: Google Satellite Imagery (2018)

SCS ENGINEERS

Appendix B

Site Photo Log

**FORMER RED CARPET INN SITE
930 E. VIRGINIA BEACH BOULEVARD
NORFOLK, VIRGINIA**

SITE VISIT: JULY 15, 2019



Photograph 1. View of the southwestern side of the subject Site, looking west.



Photograph 2. View of the central portion of the subject Site, looking north.



Photograph 3. View of the southeastern side of the subject Site, looking north/northeast.



Photograph 4. View of the northeastern side of the subject Site and adjacent parcels, looking west/northwest.

**FORMER RED CARPET INN SITE
930 E. VIRGINIA BEACH BOULEVARD
NORFOLK, VIRGINIA**

SITE VISIT: JULY 15, 2019



Photograph 5. View of the central portion of the subject Site (footpath), looking west/southwest.



Photograph 6. View of the northwestern portion of the subject Site, looking south/southwest.



Photograph 7. View of the northwestern portion of the subject Site, looking west/northwest.



Photograph 8. View of the central portion of the subject Site, looking south.

**FORMER RED CARPET INN SITE
930 E. VIRGINIA BEACH BOULEVARD
NORFOLK, VIRGINIA**

SITE VISIT: JULY 15, 2019



Photograph 9. View of the northwestern side of the subject Site, looking north/northeast.



Photograph 10. View of the northwestern side of the subject Site, looking east/southeast.



Photograph 11. View of the western side of the subject Site, looking south/southwest.



Photograph 12. View of the central portion of the subject Site, looking south.

**FORMER RED CARPET INN SITE
930 E. VIRGINIA BEACH BOULEVARD
NORFOLK, VIRGINIA**

SITE VISIT: JULY 15, 2019



Photograph 13. View of the northwestern side of the subject Site, looking southeast.



Photograph 14. View of western side of the site, looking north-northeast, from southwest corner.



Photograph 15. View of center of site, looking northeast, from southwest corner.



Photograph 16. View of southern side of site along E Virginia Beach Blvd, from southwest corner.

**FORMER RED CARPET INN SITE
930 E. VIRGINIA BEACH BOULEVARD
NORFOLK, VIRGINIA**

SITE VISIT: JULY 15, 2019



Photograph 17. View of discarded trash and debris and stormwater feature on-site.



Photograph 18. View of one of the concrete pad remnant areas on-site.



Photograph 19. View of stormwater features on-site.



Photograph 20. View of the drop inlet on-site.

**FORMER RED CARPET INN SITE
930 E. VIRGINIA BEACH BOULEVARD
NORFOLK, VIRGINIA**

SITE VISIT: JULY 15, 2019



Photograph 21. View of a manhole cover and traffic cone on-site.



Photograph 22. View of the hydrant on-site.



Photograph 23. View of the electrical box located on-site.



Photograph 24. View of pole-mounted transformer on-site.

Appendix C

EDR Database Report



Former Red Carpet Inn

930 East Virginia Beach Boulevard
Norfolk, VA 23504

Inquiry Number: 5712432.2s
July 10, 2019

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

930 EAST VIRGINIA BEACH BOULEVARD
NORFOLK, VA 23504

COORDINATES

Latitude (North):	36.8554620 - 36° 51' 19.66"
Longitude (West):	76.2750400 - 76° 16' 30.14"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	386332.2
UTM Y (Meters):	4079394.2
Elevation:	7 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5950979 NORFOLK SOUTH, VA
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140705
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
930 EAST VIRGINIA BEACH BOULEVARD
NORFOLK, VA 23504

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	MAGAZINE & BOOK DIVI	1108 TIDEWATER DRIVE	LUST, LTANKS, UST	Higher	316, 0.060, East
A2	MARTIN SCREEN PAINTS	1015 E PRINCESS ANNE	RCRA-CESQG, FINDS, ECHO	Higher	375, 0.071, ENE
3	M & B OF NORFOLK INC	1100 VIRGINIA BEACH	RCRA NonGen / NLR, FINDS, ECHO	Lower	426, 0.081, SE
B4	C.E. HOLDEN CO.	1128 COOKE AVE.	RCRA NonGen / NLR, FINDS, ECHO	Higher	598, 0.113, East
B5	TAYLOR SALT & CHEMIC	1128 COOKE AVE.	UST	Higher	598, 0.113, East
6	HUNTERSQUARE APT VA6	825 GOFF ST	UST	Higher	670, 0.127, North
7	GOODWILL INDUSTRIES	902 COOKE ST	UST	Lower	688, 0.130, SSE
8	TIDEWATER DRIVE BUSI	850 TIDEWATER DR	LTANKS	Higher	703, 0.133, South
C9	NRHA - CALVERT PARK	748 CHAPEL STREET	UST	Higher	871, 0.165, SW
D10	VERIZON WIRELESS	1211 MAY AVE	AST	Higher	899, 0.170, ESE
D11	PARK AVE SERVICE CEN	1139 PRINCESS ANNE R	LUST, LTANKS	Higher	907, 0.172, East
D12	PARK AVENUE SERVICE	1139 PRINCESS ANNE R	UST	Higher	907, 0.172, East
C13	TITUS SCHOOL	722 CHAPEL STREET	LUST, LTANKS, UST	Higher	982, 0.186, SW
E14	NORFOLK RECYCLING CO	1148 E PRINCESS ANNE	LUST, LTANKS	Higher	1017, 0.193, East
E15	NORFOLK RECYCLING CO	1148 E PRINCESS ANNE	RCRA-SQG, FINDS, ECHO	Higher	1017, 0.193, East
F16	CHURCH STREET BP	800 E BRAMBLETON AVE	LUST, LTANKS, UST, Financial Assurance	Higher	1028, 0.195, WSW
F17	AMOCO 60546 TANKS	800 E BRAMBLETON AVE	RCRA-SQG, FINDS, ECHO	Higher	1028, 0.195, WSW
18	GUIDE PUBLISHING CO	1017 CHURCH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1065, 0.202, WNW
G19	NORFOLK TRUCK CTR	736 TIDEWATER DR	RCRA-SQG, FINDS, ECHO	Higher	1144, 0.217, South
G20	NORFOLK TRUCK CENTER	736 TIDEWATER DRIVE	UST	Higher	1144, 0.217, South
H21	LET US PRODUCE	620 E OLNEY RD	LUST, LTANKS	Higher	1230, 0.233, West
22	7 ELEVEN 10656	712 W CHURCH RD	LTANKS	Higher	1242, 0.235, WSW
I23	ONE STOP FOOD MART #	900 BRAMBLETON AVENU	LUST, LTANKS, UST, Financial Assurance	Higher	1259, 0.238, SW
H24	WILLIAMS, T C CLEANE	635 E OLNEY	RCRA NonGen / NLR, FINDS, ECHO	Higher	1292, 0.245, WSW
I25	NORFOLK CITY - PLUM	1001 W BRAMBLETON AV	LUST, LTANKS	Higher	1447, 0.274, SSW
26	NR&HA RETENTION POND	NEAR ANNE & OUTTEN S	LUST	Higher	1677, 0.318, NW
27	TIDEWATER PARK ELEME	1045 BRAMBLETON AVEN	LUST, LTANKS, UST	Lower	1814, 0.344, SSW
J28	US POSTAL SERVICE -	600 CHURCH ST	LTANKS	Higher	1851, 0.351, SW
J29	US POSTAL SERVICE -	600 CHURCH ST	LUST, LTANKS, SPILLS	Higher	1851, 0.351, SW
30	CITY OF NORFOLK MAIN	736 CECILIA ST	LUST, LTANKS, UST	Higher	1879, 0.356, SSE
31	YOUNGS PARK ELEMENTA	543 OLNEY EAST ROAD	LUST, LTANKS, UST	Higher	2111, 0.400, West
32	NRHA - BREWERY SITE	1500 CHURCH ST	LUST, LTANKS	Higher	2116, 0.401, NNW
33	CHAMBERS WASTE SYSTE	1371 HANSON AVE	SWF/LF, LUST, LTANKS, SPILLS	Higher	2131, 0.404, ENE
34	NRHA - YOUNG TERRACE	816 WHITAKER LANE	LUST, LTANKS, UST, AIRS	Higher	2133, 0.404, West
35	ALLSAFE SELF STORAGE	1213 EAST BRAMBLETON	LUST, LTANKS	Lower	2147, 0.407, South
36	FAIRBANKS MORSE ENGI	630 TIDEWATER DR	LUST, LTANKS	Lower	2163, 0.410, South
37	BAYVIEW BUILDING SIT	744 MALTBY AVENUE	LUST, LTANKS, UST	Higher	2169, 0.411, SSE
38	NORFOLK CITY OF - WH	959 MARSHALL AVE	LTANKS	Higher	2233, 0.423, ESE
39	CITY OF NORFOLK - LI	ST JULIEN AVE AND BA	LUST, LTANKS	Higher	2470, 0.468, NE

MAPPED SITES SUMMARY

Target Property Address:
930 EAST VIRGINIA BEACH BOULEVARD
NORFOLK, VA 23504

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	ROLANDS AUTO REPAIR	42 DOWNTOWN PLAZA	LUST, LTANKS, UST	Higher	2520, 0.477, WSW
41	FIRST BAPTIST CHURCH	418 E BUTE ST	LUST, LTANKS	Higher	2526, 0.478, WSW
42	RUFFIN ELEANOR PROPE	812 FREEMONT ST	LUST, LTANKS	Higher	2576, 0.488, North
43	GLOBE IRON CONSTRUCT	1401 MALTBY AVE	LUST, LTANKS, AIRS	Higher	2601, 0.493, ENE
44	FENSKA PROPERTY - PE	635 MALTBY AVENUE	LTANKS, SPILLS	Lower	2627, 0.498, South
45	NORFOLK TOWN GAS	MONTICELLO AND VA BE	EDR MGP	Lower	3290, 0.623, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Controls Sites Listing

INST CONTROL..... Voluntary Remediation Program Database

State and tribal voluntary cleanup sites

VCP..... Voluntary Remediation Program

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Site Specific Assessments

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

EXECUTIVE SUMMARY

SPILLS..... Prep/Spills Database Listing
 SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
 DOD..... Department of Defense Sites
 SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
 US FIN ASSUR..... Financial Assurance Information
 EPA WATCH LIST..... EPA WATCH LIST
 2020 COR ACTION..... 2020 Corrective Action Program List
 TSCA..... Toxic Substances Control Act
 TRIS..... Toxic Chemical Release Inventory System
 SSTS..... Section 7 Tracking Systems
 ROD..... Records Of Decision
 RMP..... Risk Management Plans
 RAATS..... RCRA Administrative Action Tracking System
 PRP..... Potentially Responsible Parties
 PADS..... PCB Activity Database System
 ICIS..... Integrated Compliance Information System
 FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
 MLTS..... Material Licensing Tracking System
 COAL ASH DOE..... Steam-Electric Plant Operation Data
 COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
 PCB TRANSFORMER..... PCB Transformer Registration Database
 RADINFO..... Radiation Information Database
 HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
 DOT OPS..... Incident and Accident Data
 CONSENT..... Superfund (CERCLA) Consent Decrees
 INDIAN RESERV..... Indian Reservations
 FUSRAP..... Formerly Utilized Sites Remedial Action Program
 UMTRA..... Uranium Mill Tailings Sites
 LEAD SMELTERS..... Lead Smelter Sites
 US AIRS..... Aerometric Information Retrieval System Facility Subsystem
 US MINES..... Mines Master Index File
 ABANDONED MINES..... Abandoned Mines
 FINDS..... Facility Index System/Facility Registry System
 DOCKET HWC..... Hazardous Waste Compliance Docket Listing
 UXO..... Unexploded Ordnance Sites
 ECHO..... Enforcement & Compliance History Information
 FUELS PROGRAM..... EPA Fuels Program Registered Listing
 AIRS..... Permitted Airs Facility List
 NPDES..... Comprehensive Environmental Data System
 COAL ASH..... Coal Ash Disposal Sites
 DRYCLEANERS..... Drycleaner List
 ENF..... Enforcement Actions Data
 Financial Assurance..... Financial Assurance Information Listing
 TIER 2..... Tier 2 Information Listing
 UIC..... Underground Injection Control Wells

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto..... EDR Exclusive Historical Auto Stations

EXECUTIVE SUMMARY

EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NORFOLK RECYCLING CO</i> EPA ID:: VAD988228557	<i>1148 E PRINCESS ANNE</i>	<i>E 1/8 - 1/4 (0.193 mi.)</i>	<i>E15</i>	<i>32</i>
<i>AMOCO 60546 TANKS</i> EPA ID:: VA0000251710	<i>800 E BRAMBLETON AVE</i>	<i>WSW 1/8 - 1/4 (0.195 mi.)</i>	<i>F17</i>	<i>39</i>
<i>NORFOLK TRUCK CTR</i> EPA ID:: VAD046244208	<i>736 TIDEWATER DR</i>	<i>S 1/8 - 1/4 (0.217 mi.)</i>	<i>G19</i>	<i>42</i>

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is

EXECUTIVE SUMMARY

1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARTIN SCREEN PAINTS EPA ID:: VAR000009829	1015 E PRINCESS ANNE	ENE 0 - 1/8 (0.071 mi.)	A2	10

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Management Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Quality's Permitted Facilities list.

A review of the SWF/LF list, as provided by EDR, and dated 03/04/2019 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHAMBERS WASTE SYSTE pmt_stat: Revoked Permit Number: PBR058	1371 HANSON AVE	ENE 1/4 - 1/2 (0.404 mi.)	33	72

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Database.

A review of the LUST list, as provided by EDR, has revealed that there are 24 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAGAZINE & BOOK DIVI Database: LUST REG TD, Date of Government Version: 06/30/2013 Facility Status: Closed Facility ID: 200000066025 Pollution Complaint Num: 19940681	1108 TIDEWATER DRIVE	E 0 - 1/8 (0.060 mi.)	A1	8
PARK AVE SERVICE CEN Database: LUST REG TD, Date of Government Version: 06/30/2013 Facility Status: Open Facility ID: 200000066474 Pollution Complaint Num: 19930182	1139 PRINCESS ANNE R	E 1/8 - 1/4 (0.172 mi.)	D11	25
TITUS SCHOOL Database: LUST REG TD, Date of Government Version: 06/30/2013 Facility Status: Closed Facility ID: 200000087589 Pollution Complaint Num: 19932421	722 CHAPEL STREET	SW 1/8 - 1/4 (0.186 mi.)	C13	28
NORFOLK RECYCLING CO Database: LUST REG TD, Date of Government Version: 06/30/2013 Facility Status: Closed Facility ID: 200000196527 Pollution Complaint Num: 20085026	1148 E PRINCESS ANNE	E 1/8 - 1/4 (0.193 mi.)	E14	31
CHURCH STREET BP Database: LUST REG TD, Date of Government Version: 06/30/2013	800 E BRAMBLETON AVE	WSW 1/8 - 1/4 (0.195 mi.)	F16	34

EXECUTIVE SUMMARY

LET US PRODUCE	620 E OLNEY RD	W 1/8 - 1/4 (0.233 mi.)	H21	46
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000224072				
Pollution Complaint Num: 20065148				
ONE STOP FOOD MART #	900 BRAMBLETON AVENU	SW 1/8 - 1/4 (0.238 mi.)	I23	48
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000195743				
Pollution Complaint Num: 20005220				
NORFOLK CITY - PLUM	1001 W BRAMBLETON AV	SSW 1/4 - 1/2 (0.274 mi.)	I25	57
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000846463				
Pollution Complaint Num: 20075109				
NR&HA RETENTION POND	NEAR ANNE & OUTTEN S	NW 1/4 - 1/2 (0.318 mi.)	26	58
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000066371				
Pollution Complaint Num: 19952213				
US POSTAL SERVICE -	600 CHURCH ST	SW 1/4 - 1/2 (0.351 mi.)	J29	62
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000067441				
Pollution Complaint Num: 20065105				
Pollution Complaint Num: 19901020				
CITY OF NORFOLK MAIN	736 CECELIA ST	SSE 1/4 - 1/2 (0.356 mi.)	30	65
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000066031				
Pollution Complaint Num: 20075089				
Pollution Complaint Num: 20005028				
YOUNGS PARK ELEMENTA	543 OLNEY EAST ROAD	W 1/4 - 1/2 (0.400 mi.)	31	69
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000067833				
Pollution Complaint Num: 19901773				
NRHA - BREWERY SITE	1500 CHURCH ST	NNW 1/4 - 1/2 (0.401 mi.)	32	71
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000209830				
Pollution Complaint Num: 20035102				
CHAMBERS WASTE SYSTE	1371 HANSON AVE	ENE 1/4 - 1/2 (0.404 mi.)	33	72
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000064471				
Pollution Complaint Num: 19982290				
Pollution Complaint Num: 20045111				
NRHA - YOUNG TERRACE	816 WHITAKER LANE	W 1/4 - 1/2 (0.404 mi.)	34	75
Database: LUST REG TD, Date of Government Version: 06/30/2013				

EXECUTIVE SUMMARY

Facility Status: Closed
 Facility ID: 200000066380
 Pollution Complaint Num: 19920697

BAYVIEW BUILDING SIT **744 MALTBY AVENUE** **SSE 1/4 - 1/2 (0.411 mi.)** **37** **91**

Database: LUST REG TD, Date of Government Version: 06/30/2013
 Facility Status: Closed
 Facility ID: 200000064109
 Facility ID: 200000194473
 Pollution Complaint Num: 19890572
 Pollution Complaint Num: 20005076

CITY OF NORFOLK - LI **ST JULIEN AVE AND BA** **NE 1/4 - 1/2 (0.468 mi.)** **39** **94**

Database: LUST REG TD, Date of Government Version: 06/30/2013
 Facility Status: Closed
 Facility ID: 200000856837
 Pollution Complaint Num: 20125094

ROLANDS AUTO REPAIR **42 DOWNTOWN PLAZA** **WSW 1/4 - 1/2 (0.477 mi.)** **40** **95**

Database: LUST REG TD, Date of Government Version: 06/30/2013
 Facility Status: Closed
 Facility ID: 200000066815
 Pollution Complaint Num: 20035158

FIRST BAPTIST CHURCH **418 E BUTE ST** **WSW 1/4 - 1/2 (0.478 mi.)** **41** **97**

Database: LUST REG TD, Date of Government Version: 06/30/2013
 Facility Status: Closed
 Facility ID: 200000065159
 Pollution Complaint Num: 19992389

RUFFIN ELEANOR PROPE **812 FREEMONT ST** **N 1/4 - 1/2 (0.488 mi.)** **42** **98**

Database: LUST REG TD, Date of Government Version: 06/30/2013
 Facility Status: Closed
 Facility ID: 200000224403
 Pollution Complaint Num: 20075002

GLOBE IRON CONSTRUCT **1401 MALTBY AVE** **ENE 1/4 - 1/2 (0.493 mi.)** **43** **99**

Database: LUST REG TD, Date of Government Version: 06/30/2013
 Facility Status: Closed
 Facility ID: 200000087476
 Pollution Complaint Num: 19901224

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
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TIDEWATER PARK ELEME	1045 BRAMBLETON AVEN	SSW 1/4 - 1/2 (0.344 mi.)	27	58
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Database: LUST REG TD, Date of Government Version: 06/30/2013
 Facility Status: Closed
 Facility ID: 200000067352
 Pollution Complaint Num: 19931231

ALLSAFE SELF STORAGE	1213 EAST BRAMBLETON	S 1/4 - 1/2 (0.407 mi.)	35	88
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Database: LUST REG TD, Date of Government Version: 06/30/2013
 Facility Status: Closed
 Facility ID: 200000063887
 Pollution Complaint Num: 19952409

FAIRBANKS MORSE ENGI	630 TIDEWATER DR	S 1/4 - 1/2 (0.410 mi.)	36	89
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Database: LUST REG TD, Date of Government Version: 06/30/2013
 Facility Status: Closed
 Facility ID: 200000858334

EXECUTIVE SUMMARY

Facility ID: 200000215535
 Pollution Complaint Num: 20135037
 Pollution Complaint Num: 20045179

LTANKS: The Leaking Tanks Database contains current Leaking petroleum tanks. The data comes from the Department of Environmental Quality.

A review of the LTANKS list, as provided by EDR, and dated 02/05/2019 has revealed that there are 28 LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAGAZINE & BOOK DIVI Facility Status: Closed CEDs Facility Id: 200000066025 Pollution Complaint #: 19940681	1108 TIDEWATER DRIVE	E 0 - 1/8 (0.060 mi.)	A1	8
TIDEWATER DRIVE BUSI Facility Status: Closed CEDs Facility Id: 200000886391 Pollution Complaint #: 20185175	850 TIDEWATER DR	S 1/8 - 1/4 (0.133 mi.)	8	20
PARK AVE SERVICE CEN Facility Status: Open CEDs Facility Id: 200000066474 Pollution Complaint #: 19930182	1139 PRINCESS ANNE R	E 1/8 - 1/4 (0.172 mi.)	D11	25
TITUS SCHOOL Facility Status: Closed CEDs Facility Id: 200000087589 Pollution Complaint #: 19932421	722 CHAPEL STREET	SW 1/8 - 1/4 (0.186 mi.)	C13	28
NORFOLK RECYCLING CO Facility Status: Closed CEDs Facility Id: 200000196527 Pollution Complaint #: 20085026	1148 E PRINCESS ANNE	E 1/8 - 1/4 (0.193 mi.)	E14	31
CHURCH STREET BP Facility Status: Closed CEDs Facility Id: 200000089799 Pollution Complaint #: 20015131	800 E BRAMBLETON AVE	WSW 1/8 - 1/4 (0.195 mi.)	F16	34
LET US PRODUCE Facility Status: Closed CEDs Facility Id: 200000224072 Pollution Complaint #: 20065148	620 E OLNEY RD	W 1/8 - 1/4 (0.233 mi.)	H21	46
7 ELEVEN 10656 Facility Status: Closed CEDs Facility Id: 200000097372 Pollution Complaint #: 19911578	712 W CHURCH RD	WSW 1/8 - 1/4 (0.235 mi.)	22	47
ONE STOP FOOD MART # Facility Status: Closed CEDs Facility Id: 200000195743 Pollution Complaint #: 20005220	900 BRAMBLETON AVENU	SW 1/8 - 1/4 (0.238 mi.)	I23	48
NORFOLK CITY - PLUM Facility Status: Closed CEDs Facility Id: 200000846463	1001 W BRAMBLETON AV	SSW 1/4 - 1/2 (0.274 mi.)	I25	57

EXECUTIVE SUMMARY

Pollution Complaint #: 20075109				
US POSTAL SERVICE - Facility Status: Closed CEDS Facility Id: 200000067441 Pollution Complaint #: 19901020	600 CHURCH ST	SW 1/4 - 1/2 (0.351 mi.)	J28	62
US POSTAL SERVICE - Facility Status: Closed CEDS Facility Id: 200000067441 Pollution Complaint #: 20065105	600 CHURCH ST	SW 1/4 - 1/2 (0.351 mi.)	J29	62
CITY OF NORFOLK MAIN Facility Status: Closed CEDS Facility Id: 200000066031 Pollution Complaint #: 20075089	736 CECELIA ST	SSE 1/4 - 1/2 (0.356 mi.)	30	65
YOUNGS PARK ELEMENTA Facility Status: Closed CEDS Facility Id: 200000067833 Pollution Complaint #: 19901773	543 OLNEY EAST ROAD	W 1/4 - 1/2 (0.400 mi.)	31	69
NRHA - BREWERY SITE Facility Status: Closed CEDS Facility Id: 200000209830 Pollution Complaint #: 20035102	1500 CHURCH ST	NNW 1/4 - 1/2 (0.401 mi.)	32	71
CHAMBERS WASTE SYSTE Facility Status: Closed CEDS Facility Id: 200000064471 Pollution Complaint #: 20045111	1371 HANSON AVE	ENE 1/4 - 1/2 (0.404 mi.)	33	72
NRHA - YOUNG TERRACE Facility Status: Closed CEDS Facility Id: 200000066380 Pollution Complaint #: 19920697	816 WHITAKER LANE	W 1/4 - 1/2 (0.404 mi.)	34	75
BAYVIEW BUILDING SIT Facility Status: Closed CEDS Facility Id: 200000064109 Pollution Complaint #: 19890572	744 MALTBY AVENUE	SSE 1/4 - 1/2 (0.411 mi.)	37	91
NORFOLK CITY OF - WH Facility Status: Open CEDS Facility Id: 200000886378 Pollution Complaint #: 20185171	959 MARSHALL AVE	ESE 1/4 - 1/2 (0.423 mi.)	38	94
CITY OF NORFOLK - LI Facility Status: Closed CEDS Facility Id: 200000856837 Pollution Complaint #: 20125094	ST JULIEN AVE AND BA	NE 1/4 - 1/2 (0.468 mi.)	39	94
ROLANDS AUTO REPAIR Facility Status: Closed CEDS Facility Id: 200000066815 Pollution Complaint #: 20035158	42 DOWNTOWN PLAZA	WSW 1/4 - 1/2 (0.477 mi.)	40	95
FIRST BAPTIST CHURCH Facility Status: Closed CEDS Facility Id: 200000065159 Pollution Complaint #: 19992389	418 E BUTE ST	WSW 1/4 - 1/2 (0.478 mi.)	41	97
RUFFIN ELEANOR PROPE	812 FREEMONT ST	N 1/4 - 1/2 (0.488 mi.)	42	98

EXECUTIVE SUMMARY

Facility Status: Closed
CEDS Facility Id: 200000224403
Pollution Complaint #: 20075002

GLOBE IRON CONSTRUCT	1401 MALTBY AVE	ENE 1/4 - 1/2 (0.493 mi.)	43	99
Facility Status: Closed				
CEDS Facility Id: 200000087476				
Pollution Complaint #: 19901224				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TIDEWATER PARK ELEME	1045 BRAMBLETON AVEN	SSW 1/4 - 1/2 (0.344 mi.)	27	58
Facility Status: Closed				
CEDS Facility Id: 200000067352				
Pollution Complaint #: 19931231				
ALLSAFE SELF STORAGE	1213 EAST BRAMBLETON	S 1/4 - 1/2 (0.407 mi.)	35	88
Facility Status: Closed				
CEDS Facility Id: 200000063887				
Pollution Complaint #: 19952409				
FAIRBANKS MORSE ENGI	630 TIDEWATER DR	S 1/4 - 1/2 (0.410 mi.)	36	89
Facility Status: Closed				
CEDS Facility Id: 200000858334				
CEDS Facility Id: 200000215535				
Pollution Complaint #: 20135037				
Pollution Complaint #: 20045179				
FENSKA PROPERTY - PE	635 MALTBY AVENUE	S 1/4 - 1/2 (0.498 mi.)	44	101
Facility Status: Closed				
CEDS Facility Id: 200000066545				
Pollution Complaint #: 20145079				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Underground Storage Tank Data Notification Information.

A review of the UST list, as provided by EDR, and dated 02/04/2019 has revealed that there are 10 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAGAZINE & BOOK DIVI	1108 TIDEWATER DRIVE	E 0 - 1/8 (0.060 mi.)	A1	8
Tank Status: REM FROM GRD				
Facility Id: 5000794				
CEDS Facility ID: 200000066025				
TAYLOR SALT & CHEMIC	1128 COOKE AVE.	E 0 - 1/8 (0.113 mi.)	B5	15
Tank Status: PERM OUT OF USE				
Facility Id: 5008486				
CEDS Facility ID: 200000067248				
HUNTERSQUARE APT VA6	825 GOFF ST	N 1/8 - 1/4 (0.127 mi.)	6	17
Tank Status: CLS IN GRD				
Facility Id: 5022292				

EXECUTIVE SUMMARY

CEDS Facility ID: 200000065586 NRHA - CALVERT PARK Tank Status: PERM OUT OF USE Tank Status: REM FROM GRD Facility Id: 5022290 CEDS Facility ID: 200000066373	748 CHAPEL STREET	SW 1/8 - 1/4 (0.165 mi.)	C9	20
PARK AVENUE SERVICE Tank Status: REM FROM GRD Facility Id: 5018971 CEDS Facility ID: 200000066474	1139 PRINCESS ANNE R	E 1/8 - 1/4 (0.172 mi.)	D12	26
TITUS SCHOOL Tank Status: PERM OUT OF USE Facility Id: 5026770 CEDS Facility ID: 200000087589	722 CHAPEL STREET	SW 1/8 - 1/4 (0.186 mi.)	C13	28
CHURCH STREET BP Tank Status: CURR IN USE Facility Id: 5024425 CEDS Facility ID: 200000089799	800 E BRAMBLETON AVE	WSW 1/8 - 1/4 (0.195 mi.)	F16	34
NORFOLK TRUCK CENTER Tank Status: REM FROM GRD Facility Id: 5012045 CEDS Facility ID: 200000066345	736 TIDEWATER DRIVE	S 1/8 - 1/4 (0.217 mi.)	G20	45
ONE STOP FOOD MART # Tank Status: CURR IN USE Tank Status: REM FROM GRD Facility Id: 5037733 CEDS Facility ID: 200000195743	900 BRAMBLETON AVENU	SW 1/8 - 1/4 (0.238 mi.)	I23	48

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GOODWILL INDUSTRIES Tank Status: CLS IN GRD Facility Id: 5039445 CEDS Facility ID: 200000218033	902 COOKE ST	SSE 1/8 - 1/4 (0.130 mi.)	7	18

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Quality's Aboveground Storage Tank Data Notification Information.

A review of the AST list, as provided by EDR, and dated 02/04/2019 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VERIZON WIRELESS Facility ID: 5040162 CEDS Facility ID: 200000224675	1211 MAY AVE	ESE 1/8 - 1/4 (0.170 mi.)	D10	23

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
C.E. HOLDEN CO. EPA ID:: VAR000015537	1128 COOKE AVE.	E 0 - 1/8 (0.113 mi.)	B4	13
GUIDE PUBLISHING CO EPA ID:: VAD003175791	1017 CHURCH ST	WNW 1/8 - 1/4 (0.202 mi.)	18	41
WILLIAMS, T C CLEANE EPA ID:: VAD982580540	635 E OLNEY	WSW 1/8 - 1/4 (0.245 mi.)	H24	54
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
M & B OF NORFOLK INC EPA ID:: VAD045682317	1100 VIRGINIA BEACH	SE 0 - 1/8 (0.081 mi.)	3	12

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

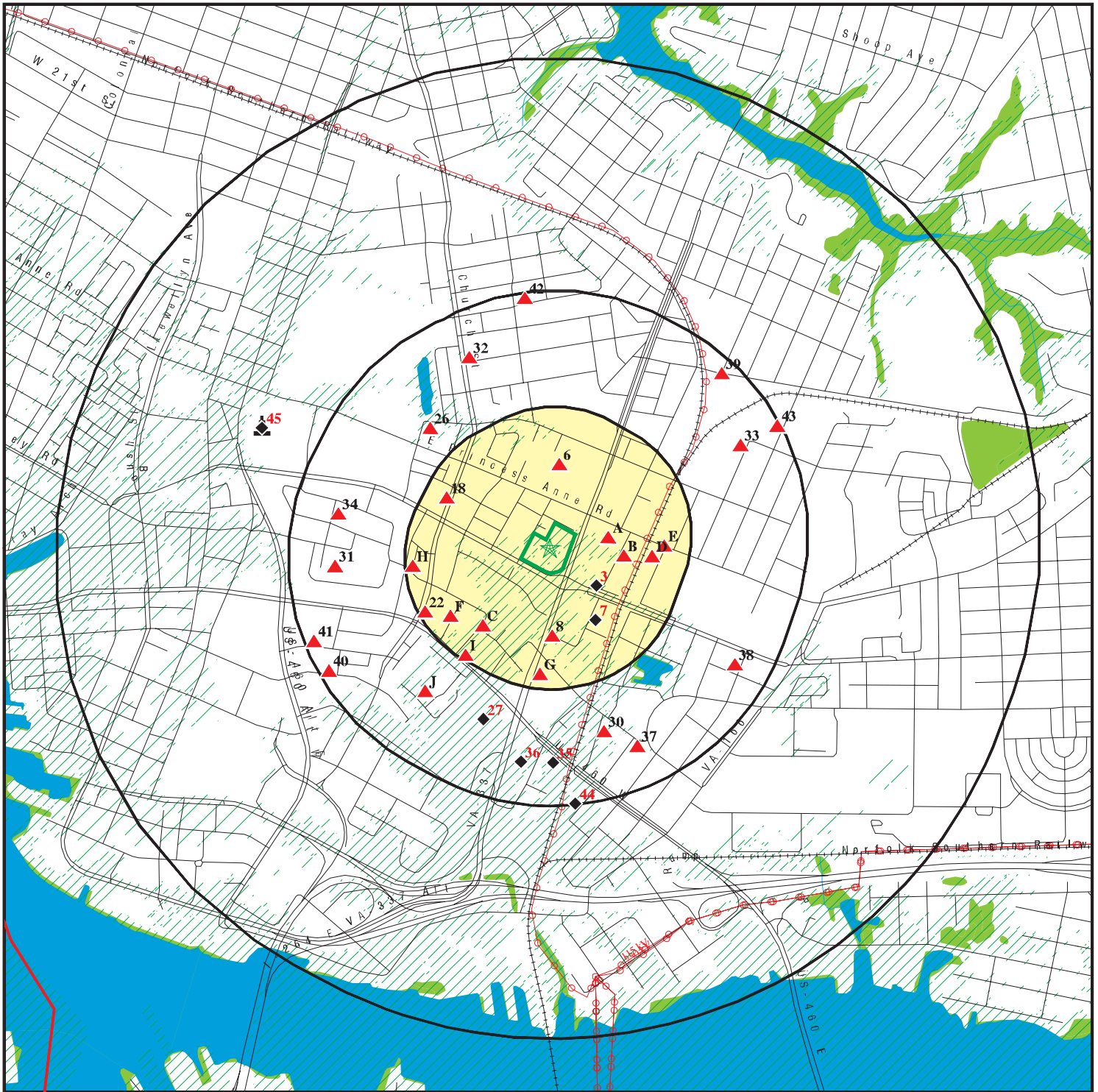
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORFOLK TOWN GAS	MONTICELLO AND VA BE	WNW 1/2 - 1 (0.623 mi.)	45	103

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 10 records.

<u>Site Name</u>	<u>Database(s)</u>
F & C CAROLINA	SEMS-ARCHIVE
PROMENADE POINT	INST CONTROL, VCP
CENTURY BREWERY (FORMER)	ENG CONTROLS, INST CONTROL, VCP
FIRST AMERICAN BANK	LUST, UST
ESSO - BANK STREET AND CHARLOTTE S	LUST, LTANKS
RESIDENCE INN - FUTURE	LUST, LTANKS
HAMPTON ROADS TRANSIT AUTHORITY-NL	LUST, LTANKS
HRSD SOUTH TRUNK SEWER CORRIDOR	LUST, LTANKS
HAMPTON ROADS TRANSIT AUTHORITY-AB	LTANKS
NORFOLK GAS PLANT	VCP

OVERVIEW MAP - 5712432.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

0 1/4 1/2 1 Miles

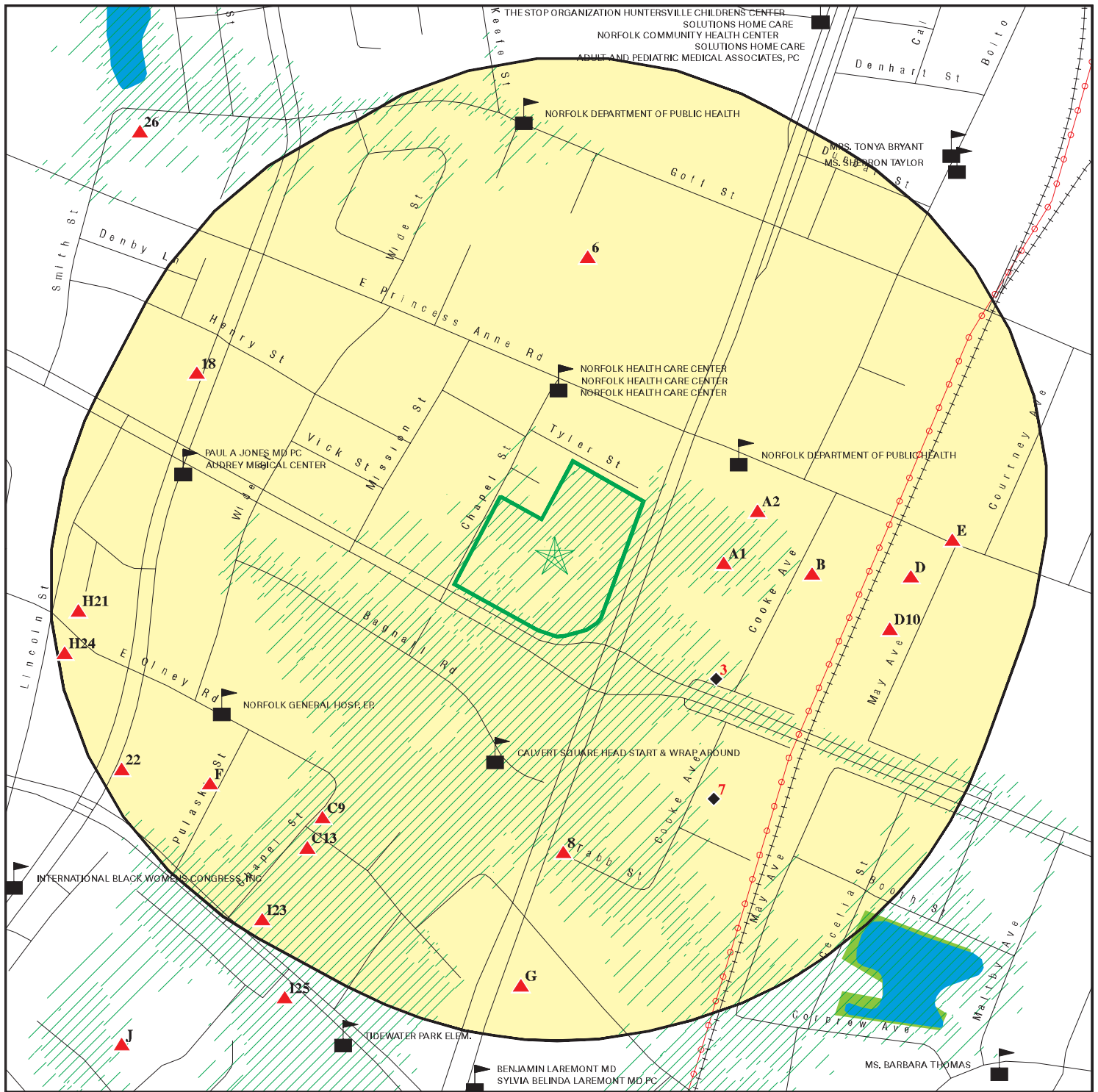


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Former Red Carpet Inn
 ADDRESS: 930 East Virginia Beach Boulevard
 Norfolk VA 23504
 LAT/LONG: 36.855462 / 76.27504

CLIENT: SCS Engineers
 CONTACT: Alexis Holcomb
 INQUIRY #: 5712432.2s
 DATE: July 10, 2019 5:33 pm

DETAIL MAP - 5712432.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Former Red Carpet Inn
 ADDRESS: 930 East Virginia Beach Boulevard
 Norfolk VA 23504
 LAT/LONG: 36.855462 / 76.27504

CLIENT: SCS Engineers
 CONTACT: Alexis Holcomb
 INQUIRY #: 5712432.2s
 DATE: July 10, 2019 5:37 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	3	NR	NR	NR	3
RCRA-CESQG	0.250		1	0	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	1	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		1	6	17	NR	NR	24
INDIAN LUST	0.500		0	0	0	NR	NR	0
LTANKS	0.500		1	8	19	NR	NR	28
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		2	8	NR	NR	NR	10
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	2	NR	NR	NR	4
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
TIER 2	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	1	NR	1
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
--------	-------	--	---	----	----	----	----	---

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	7	28	37	1	0	73

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
East
< 1/8
0.060 mi.
316 ft.

MAGAZINE & BOOK DIVISION
1108 TIDEWATER DRIVE
NORFOLK, VA 23504

Site 1 of 2 in cluster A

LUST
LTANKS
UST

U003688928
N/A

Relative:
Higher

LUST REG TD:

Actual:
7 ft.

Region: TD
Region Code: TRO
Facility ID: 200000066025
Facility Status: Closed
Completed Date: 10/21/1993
Pollution Complaint Num: 19940681
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: UST REMOVED WITH PIPING, EXCAVATED SOILS HAVE HIGH TPH.

Region: TD
Region Code: TRO
Facility ID: 200000066025
Facility Status: Closed
Completed Date: 01/04/1994
Pollution Complaint Num: 19940681
Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: CASE CLOSED-NO FURTHER ACTION REQUIRED.

LTANKS:

Region: TRO
CEDS Facility Id: 200000066025
Case Status: Closed
Pollution Complaint #: 19940681
Reported: 10/21/1993
Case Closed Date: 01/04/1994
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

Facility:

Facility Id: 5000794
Facility Type: TRUCKING/TRANSPORT
CEDS Facility ID: 200000066025

Owner:

Owner Id: 35034

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAGAZINE & BOOK DIVISION (Continued)

U003688928

Owner Name: ARA SERVICES INC
Owner Address: 1108 TIDEWATER DRIVE
Owner Address2: Not reported
Owner City, State, Zip: NORFOLK, VA 23504
Owner Type: COMMERCIAL
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 1

UST:

Facility ID: 5000794
Federally Regulated: Yes

Tank Number: R1
Tank Capacity: 2000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:

Install Date: 3/10/1980
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass Yes
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior Yes
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge No
Tank Release Detection: Tank Tightness No
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory No
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install No
Tank Release Detection: Overfill Install No
Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment No
Tank Release Detection: Int Double Walled No
Tank Release Detection: Other Method No
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak Not reported
Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAGAZINE & BOOK DIVISION (Continued)

U003688928

Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

A2
ENE
< 1/8
0.071 mi.
375 ft.

MARTIN SCREEN PAINTS
1015 E PRINCESS ANNE RD
NORFOLK, VA 23507

RCRA-CESQG
FINDS
ECHO

1001226000
VAR000009829

Site 2 of 2 in cluster A

Relative:
Higher

RCRA-CESQG:

Actual:
8 ft.

Date form received by agency: 06/18/1997

Facility name: MARTIN SCREEN PAINTS

Facility address: 1015 E PRINCESS ANNE RD
NORFOLK, VA 23507

EPA ID: VAR000009829

Contact: Not reported

Contact address: Not reported

Contact country: US

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 03

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: OWNER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARTIN SCREEN PAINTS (Continued)

1001226000

Owner/operator address: ST
CITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 06/18/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005287894

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001226000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARTIN SCREEN PAINTS (Continued)

1001226000

Registry ID: 110005287894
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005287894>

3
SE
< 1/8
0.081 mi.
426 ft.

M & B OF NORFOLK INC
1100 VIRGINIA BEACH BLVD
NORFOLK, VA 23502

RCRA NonGen / NLR
FINDS
ECHO

1000103721
VAD045682317

Relative:
Lower

RCRA NonGen / NLR:

Actual:
5 ft.

Date form received by agency: 08/18/1980
Facility name: M & B OF NORFOLK INC
Facility address: 1100 VIRGINIA BEACH BLVD
NORFOLK, VA 23516
EPA ID: VAD045682317
Mailing address: PO BOX 5525
NORFOLK, VA 23516
Contact: ENVIRONMENTAL COORDINATOR
Contact address: 1100 VIRGINIA BEACH BLVD
NORFOLK, VA 23516
Contact country: US
Contact telephone: 215-555-1212
Contact email: Not reported
EPA Region: 03
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M & B OF NORFOLK INC (Continued)

1000103721

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110006826051

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000103721
Registry ID: 110006826051
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006826051>

**B4
East
< 1/8
0.113 mi.
598 ft.**

**C.E. HOLDEN CO.
1128 COOKE AVE.
NORFOLK, VA 23504**

**RCRA NonGen / NLR
FINDS
ECHO**

**1004791613
VAR000015537**

Site 1 of 2 in cluster B

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
8 ft.**

Date form received by agency: 11/03/2000
Facility name: C.E. HOLDEN CO.
Facility address: 1128 COOKE AVE.
NORFOLK, VA 23504
EPA ID: VAR000015537
Mailing address: PO BOX 6283
VA BEACH, VA 23456
Contact: CAROL HOLDEN
Contact address: PO BOX 6283
VA BEACH, VA 23456
Contact country: US
Contact telephone: 757-426-6097
Contact email: Not reported
EPA Region: 03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.E. HOLDEN CO. (Continued)

1004791613

Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CHARLES E. HOLDEN
Owner/operator address: PO BOX 6283
VA BEACH, VA 23456
Owner/operator country: Not reported
Owner/operator telephone: 757-426-6097
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD
Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 10/21/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/20/2000
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.E. HOLDEN CO. (Continued)

1004791613

Evaluation date: 11/15/2000
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/09/2000
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005291157

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004791613
Registry ID: 110005291157
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005291157>

B5
East
< 1/8
0.113 mi.
598 ft.

TAYLOR SALT & CHEMICAL CO INC
1128 COOKE AVE.
NORFOLK, VA 23504
Site 2 of 2 in cluster B

UST **U003690208**
N/A

Relative:
Higher

Facility:
Facility Id: 5008486
Facility Type: COMMERCIAL
CEDS Facility ID: 200000067248

Actual:
8 ft.

Owner:
Owner Id: 31016
Owner Name: A T TAYLOR ESTATE
Owner Address: NATIONSBANK yONE COMMERCIAL PL
Owner Address2: Not reported
Owner City, State, Zip: NORFOLK, VA 23501
Owner Type: COMMERCIAL
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 1

UST:

Facility ID: 5008486

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR SALT & CHEMICAL CO INC (Continued)

U003690208

Federally Regulated:	Yes
Tank Number:	1
Tank Capacity:	Not reported
Tank Contents:	GASOLINE
Tank Status:	PERM OUT OF USE
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	Yes
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR SALT & CHEMICAL CO INC (Continued)

U003690208

Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

6
North
1/8-1/4
0.127 mi.
670 ft.

HUNTERSQUARE APT VA6-19
825 GOFF ST
NORFOLK, VA 23510

UST **U003692168**
N/A

Relative:
Higher

Actual:
10 ft.

Facility:	
Facility Id:	5022292
Facility Type:	LOCAL
CEDS Facility ID:	200000065586
Owner:	
Owner Id:	31444
Owner Name:	NORFOLK REDEVELOPMENT HOUSING AUTHORITY
Owner Address:	201 GRANBY MALL
Owner Address2:	Not reported
Owner City, State, Zip:	NORFOLK, VA 23501
Owner Type:	LOCAL
Number of Active AST:	0
Number of Active UST:	0
Number of Inactive AST:	0
Number of Inactive UST:	1

UST:

Facility ID:	5022292
Federally Regulated:	No
Tank Number:	1
Tank Capacity:	10000
Tank Contents:	HEATING OIL
Tank Status:	CLS IN GRD
Tank Type:	UST

Tank Material:

Install Date:	11/16/1978
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUNTERSQUARE APT VA6-19 (Continued)

U003692168

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:

UNKNOWN

Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

7
SSE
1/8-1/4
0.130 mi.
688 ft.

GOODWILL INDUSTRIES - WAREHOUSE
902 COOKE ST
NORFOLK, VA 23504

UST U003983314
N/A

Relative:
Lower

Facility:

Actual:
6 ft.

Facility Id:	5039445
Facility Type:	COMMERCIAL
CEDS Facility ID:	200000218033

Owner:

Owner Id:	42104
Owner Name:	Goodwill Industries
Owner Address:	5565 Virginia Beach Blvd.
Owner Address2:	Not reported
Owner City, State, Zip:	Virginia Beach, VA 23462
Owner Type:	PRIVATE
Number of Active AST:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOODWILL INDUSTRIES - WAREHOUSE (Continued)

U003983314

Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 1

UST:

Facility ID: 5039445
Federally Regulated: No

Tank Number: 1
Tank Capacity: 2000
Tank Contents: GASOLINE
Tank Status: CLS IN GRD
Tank Type: UST

Tank Material:

Install Date: Not reported
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior No
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge No
Tank Release Detection: Tank Tightness No
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory No
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install No
Tank Release Detection: Overfill Install No
Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment No
Tank Release Detection: Int Double Walled No
Tank Release Detection: Other Method No
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak Not reported
Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

Pipe Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOODWILL INDUSTRIES - WAREHOUSE (Continued)

U003983314

Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

8
South
1/8-1/4
0.133 mi.
703 ft.

TIDEWATER DRIVE BUSINESS CENTER
850 TIDEWATER DR
NORFOLK, VA 23504

LTANKS **S122310835**
N/A

Relative:
Higher

Actual:
7 ft.

LTANKS:
Region: TRO
CEDS Facility Id: 200000886391
Case Status: **Closed**
Pollution Complaint #: 20185175
Reported: 02/06/2018
Case Closed Date: 02/08/2018
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): Y
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Category 3

C9
SW
1/8-1/4
0.165 mi.
871 ft.

NRHA - CALVERT PARK VA6-11
748 CHAPEL STREET
NORFOLK, VA 23501

UST **U003692167**
N/A

Site 1 of 2 in cluster C

Relative:
Higher

Actual:
8 ft.

Facility:
Facility Id: 5022290
Facility Type: LOCAL
CEDS Facility ID: 200000066373
Owner:
Owner Id: 31444
Owner Name: NORFOLK REDEVELOPMENT HOUSING AUTHORITY
Owner Address: 201 GRANBY MALL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - CALVERT PARK VA6-11 (Continued)

U003692167

Owner Address2:	Not reported
Owner City, State, Zip:	NORFOLK, VA 23501
Owner Type:	LOCAL
Number of Active AST:	0
Number of Active UST:	0
Number of Inactive AST:	0
Number of Inactive UST:	2
UST:	
Facility ID:	5022290
Federally Regulated:	No
Tank Number: 1	
Tank Capacity:	10000
Tank Contents:	HEATING OIL
Tank Status:	PERM OUT OF USE
Tank Type:	UST
Tank Material:	
Install Date:	12/1/1990
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	Yes
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - CALVERT PARK VA6-11 (Continued)

U003692167

Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

Pipe Type: UNKNOWN
Pipe Materials: Bare Steel No
Pipe Materials: Galvanized Steel No
Pipe Materials: Copper No
Pipe Materials: Fiberglass Yes
Pipe Materials: Cath Protect No
Pipe Materials: Double Walled No
Pipe Materials: Sec Containment No
Pipe Materials: Repaired No
Pipe Materials: Unknown No
Pipe Materials: Other No
Pipe Materials: Other Note Not reported

Facility ID: 5022290
Federally Regulated: No

Tank Number: R1
Tank Capacity: 10000
Tank Contents: HEATING OIL
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:
Install Date: 11/16/1965
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel Yes
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior No
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Not reported

Release Detection:
Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge No
Tank Release Detection: Tank Tightness No
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory No
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install No
Tank Release Detection: Overfill Install No
Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment No
Tank Release Detection: Int Double Walled No
Tank Release Detection: Other Method No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - CALVERT PARK VA6-11 (Continued)

U003692167

Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

D10
ESE
1/8-1/4
0.170 mi.
899 ft.

VERIZON WIRELESS
1211 MAY AVE
NORFOLK, VA 23504

Site 1 of 3 in cluster D

AST **A100298352**
N/A

Relative: AST:
Higher Facility ID: 5040162
Facility Type: UTILITY
Actual: CEDS Facility ID: 200000224675
10 ft.

Tank Info:

Owner:

Owner Id:	43288
Owner Name:	Cellco Partners Inc
Owner Address:	1831 Rady Court
Owner Address2:	Not reported
Owner City/State/Zip:	Richmond, VA 23222
Owner Type:	COMMERCIAL
Number of Active AST:	1
Number of Active UST:	0
Number of Inactive AST:	0
Number of Inactive UST:	0

Fed Regulated:	No
Tank Number:	01
Tank Type:	AST
Tank Capacity:	1000
Tank Contents:	DIESEL
Tank Status:	CURR IN USE

Tank Containment:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERIZON WIRELESS (Continued)

A100298352

Install Date:	9/15/2002
Containment: Curbing	No
Containment: Weirs	No
Containment: Sorbent	No
Containment: Culvert	No
Containment: Diversion	No
Containment: Retention	No
Containment: Dike	No
Containment: Unknown	No
Containment: Other	No
Containment: Other Note	Not reported
Release Detection:	
Release Detection: Ground Water	No
Release Detection: Visual	Yes
Release Detection: Vapor	No
Release Detection: Interstitial	No
Release Detection: None	No
Release Detection: Other	No
Release Detection: Other Note	Not reported
Release Prevention: Double Bottom	No
Release Prevention: Double Walled	No
Release Prevention: Lined Interior	Not reported
Release Prevention: Poly Jacket	No
Release Prevention: Exc Liner	No
Release Prevention: None	No
Release Prevention: Unknown	No
Release Prevention: Other	No
Release Prevention: Other Note	Not reported
Tank Foundation: Steel	No
Tank Foundation: Earthen	No
Tank Foundation: Concrete Imp	Yes
Tank Foundation: Unknown	No
Tank Foundation: Other	No
Tank Foundation: Other Note	Not reported
Tank Roof: Float	No
Tank Roof: Cone	No
Tank Roof: Breather	Not reported
Tank Roof: Dbldck	Not reported
Tank Roof: Pontoon	Not reported
Tank Roof: Balloon	Not reported
Tank Roof: Lifter	Not reported
Tank Roof: Pan	Not reported
Tank Roof: Other	No
Tank Roof: Other Note	Not reported
Tank Material:	
Tank Materials: Bare Steel	Yes
Tank Materials: Concrete	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Tank Type Cathodic/CP:	N
Tank Type Single Wall:	N
Tank Type Double Wall:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERIZON WIRELESS (Continued)

A100298352

Tank Type Lined Interior:	N
Tank Type Double Bottom:	N
Tank Type Potable/Skid:	N
Tank Type Shop Fabricated/Built:	N
Tank Type Vaulted Below Grade:	N
Tank Type Vertical:	N
Tank Type Horizontal:	N
Tank Type Unknown:	N
Tank Type Other:	N
Tank Type Other Specify:	N

D11
East
1/8-1/4
0.172 mi.
907 ft.

PARK AVE SERVICE CENTER
1139 PRINCESS ANNE ROAD
NORFOLK, VA 23504

LUST **S105985253**
LTANKS **N/A**

Site 2 of 3 in cluster D

Relative:
Higher

LUST REG TD:

Actual:
10 ft.

Region:	TD
Region Code:	TRO
Facility ID:	200000066474
Facility Status:	Open
Completed Date:	08/03/1992
Pollution Complaint Num:	19930182
Fed Regulated Tank:	Yes
Phase Code:	RR
Event Description:	Release Reported
Comments:	Not reported

LTANKS:

Region:	TRO
CEDS Facility Id:	200000066474
Case Status:	Open
Pollution Complaint #:	19930182
Reported:	08/03/1992
Case Closed Date:	Not reported
Program:	State Lead
Federally Regulated UST (Y/N):	Y
Regulated Petroleum UST (1):	Y
Excluded UST (1):	N
Deferred UST (1):	N
Partially Deferred UST (1):	N
Exempt 1 UST (2):	N
Exempt 2 Heating Oil UST (2):	N
Small Heating Oil AST (2):	N
Regulated AST (3):	N
Unregulated AST (3):	N
Other Y/N:	N
Unknown Y/N:	N
Other Description:	Not reported
Heating Oil Category:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D12
East
1/8-1/4
0.172 mi.
907 ft.
PARK AVENUE SERVICE CENTER
1139 PRINCESS ANNE ROAD
NORFOLK, VA 23504
Site 3 of 3 in cluster D

UST **U003691682**
N/A

Relative:
Higher

Facility:

Actual:
10 ft.

Facility Id: 5018971
Facility Type: GAS STATION
CEDS Facility ID: 200000066474

Owner:

Owner Id: 43692
Owner Name: Skip Sams
Owner Address: 1139 Princess Anne Rd
Owner Address2: Not reported
Owner City, State, Zip: Norfolk, VA 23504
Owner Type: UNKNOWN
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 2

Owner Id: 38854
Owner Name: LES DAIVE & DICK HARRIS
Owner Address: Not reported
Owner Address2: Not reported
Owner City, State, Zip: Not reported
Owner Type: Not reported
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 2

UST:

Facility ID: 5018971
Federally Regulated: Yes

Tank Number: 1
Tank Capacity: 10000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:

Install Date: 5/8/1966
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass Yes
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior Yes
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PARK AVENUE SERVICE CENTER (Continued)

U003691682

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:

UNKNOWN

Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

Facility ID:

5018971

Federally Regulated:

Yes

Tank Number:

2

Tank Capacity:

10000

Tank Contents:

GASOLINE

Tank Status:

REM FROM GRD

Tank Type:

UST

Tank Material:

Install Date:	5/8/1966
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PARK AVENUE SERVICE CENTER (Continued)

U003691682

Tank Materials: Lined Interior	Yes
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

C13
SW
1/8-1/4
0.186 mi.
982 ft.

TITUS SCHOOL
722 CHAPEL STREET
NORFOLK, VA 23504

Site 2 of 2 in cluster C

Relative:
Higher
Actual:
7 ft.

LUST REG TD:
Region: TD
Region Code: TRO
Facility ID: 200000087589

LUST
LTANKS
UST

U003692766
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TITUS SCHOOL (Continued)

U003692766

Facility Status: Closed
Completed Date: 06/02/1993
Pollution Complaint Num: 19932421
Fed Regulated Tank: No
Phase Code: RR
Event Description: Release Reported
Comments: SOIL & GROUNDWATER CONTAMINATION REPORTED IN AREA OF FORMER USTS.

Region: TD
Region Code: TRO
Facility ID: 200000087589
Facility Status: Closed
Completed Date: 02/11/1994
Pollution Complaint Num: 19932421
Fed Regulated Tank: No
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: CASE CLOSED-NO FURTHER ACTION REQUIRED.

LTANKS:

Region: TRO
CEDS Facility Id: 200000087589
Case Status: Closed
Pollution Complaint #: 19932421
Reported: 06/02/1993
Case Closed Date: 02/11/1994
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

Facility:

Facility Id: 5026770
Facility Type: COMMERCIAL
CEDS Facility ID: 200000087589

Owner:

Owner Id: 35126
Owner Name: NATIONSBANK
Owner Address: 1111 EAST MAIN STREET
Owner Address2: Not reported
Owner City, State, Zip: RICHMOND, VA 23219
Owner Type: PRIVATE
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TITUS SCHOOL (Continued)

U003692766

Number of Inactive UST: 1

UST:

Facility ID: 5026770
Federally Regulated: No

Tank Number: 1
Tank Capacity: Not reported
Tank Contents: HEATING OIL
Tank Status: PERM OUT OF USE
Tank Type: UST

Tank Material:

Install Date: Not reported
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior No
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown Yes
Tank Materials: Other No
Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge No
Tank Release Detection: Tank Tightness No
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory No
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install No
Tank Release Detection: Overfill Install No
Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment No
Tank Release Detection: Int Double Walled No
Tank Release Detection: Other Method No
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak Not reported
Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

Pipe Type: UNKNOWN
Pipe Materials: Bare Steel No
Pipe Materials: Galvanized Steel No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TITUS SCHOOL (Continued)

U003692766

Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

E14
East
1/8-1/4
0.193 mi.
1017 ft.

NORFOLK RECYCLING CORPORATION - MOVED
1148 E PRINCESS ANNE RD
NORFOLK, VA 23504

LUST **S108758335**
LTANKS **N/A**

Site 1 of 2 in cluster E

Relative:
Higher
Actual:
10 ft.

LUST REG TD:

Region:	TD
Region Code:	TRO
Facility ID:	200000196527
Facility Status:	Closed
Completed Date:	09/24/2007
Pollution Complaint Num:	20085026
Fed Regulated Tank:	No
Phase Code:	RR
Event Description:	Release Reported
Comments:	Release reported

Region:	TD
Region Code:	TRO
Facility ID:	200000196527
Facility Status:	Closed
Completed Date:	12/05/2007
Pollution Complaint Num:	20085026
Fed Regulated Tank:	No
Phase Code:	CLOSURE
Event Description:	Case Closure Date - Letter Sent
Comments:	Case closed, no further corrective action letter sent

LTANKS:

Region:	TRO
CEDS Facility Id:	200000196527
Case Status:	Closed
Pollution Complaint #:	20085026
Reported:	09/24/2007
Case Closed Date:	12/05/2007
Program:	RP Lead
Federally Regulated UST (Y/N):	N
Regulated Petroleum UST (1):	N
Excluded UST (1):	N
Deferred UST (1):	N
Partially Deferred UST (1):	N
Exempt 1 UST (2):	N
Exempt 2 Heating Oil UST (2):	N
Small Heating Oil AST (2):	N
Regulated AST (3):	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORFOLK RECYCLING CORPORATION - MOVED (Continued)

S108758335

Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

E15
East
1/8-1/4
0.193 mi.
1017 ft.

NORFOLK RECYCLING CORP
1148 E PRINCESS ANNE RD
NORFOLK, VA 23504

RCRA-SQG **1000878137**
FINDS **VAD988228557**
ECHO

Site 2 of 2 in cluster E

Relative:
Higher

RCRA-SQG:

Actual:
10 ft.

Date form received by agency: 07/30/2014
Facility name: NORFOLK RECYCLING CORP
Facility address: 1148 E PRINCESS ANNE RD
NORFOLK, VA 23504
EPA ID: VAD988228557
Mailing address: PO BOX 328
NORFOLK, VA 23501
Contact: CAROL DAIL
Contact address: PO BOX 328
NORFOLK, VA 23501
Contact country: US
Contact telephone: 804-622-5391
Contact email: Not reported
EPA Region: 03
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: RICHARD JR S WARREN
Owner/operator address: 1353 BOTETOURT GARDENS
NORFOLK, VA 23517
Owner/operator country: Not reported
Owner/operator telephone: 804-623-7742
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORFOLK RECYCLING CORP (Continued)

1000878137

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 07/28/1993
Site name: NORFOLD RECYCLING CORP
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/23/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005255954

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000878137
Registry ID: 110005255954
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005255954>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F16
WSW
1/8-1/4
0.195 mi.
1028 ft.

CHURCH STREET BP
800 E BRAMBLETON AVE
NORFOLK, VA 23504

Site 1 of 2 in cluster F

LUST
LTANKS
UST
Financial Assurance

U003692485
N/A

Relative:
Higher

Actual:
8 ft.

LUST REG TD:

Region: TD
Region Code: TRO
Facility ID: 200000089799
Facility Status: Closed
Completed Date: 04/26/2001
Pollution Complaint Num: 20015131
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: Release reported

Region: TD
Region Code: TRO
Facility ID: 200000089799
Facility Status: Closed
Completed Date: 08/08/2002
Pollution Complaint Num: 20015131
Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: Case Closed

LTANKS:

Region: TRO
CEDS Facility Id: 200000089799
Case Status: Closed
Pollution Complaint #: 20015131
Reported: 04/26/2001
Case Closed Date: 08/08/2002
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): Y
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

Facility:

Facility Id: 5024425
Facility Type: GAS STATION
CEDS Facility ID: 200000089799

Owner:

Owner Id: 40055

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH STREET BP (Continued)

U003692485

Owner Name: BP Products North America Incorporated
Owner Address: PO Box 6038
Owner Address2: Not reported
Owner City, State, Zip: Artesia, CA 90702
Owner Type: COMMERCIAL
Number of Active AST: 0
Number of Active UST: 3
Number of Inactive AST: 0
Number of Inactive UST: 0

Owner Id: 40905
Owner Name: Tidewater Investments LLC
Owner Address: PO Box 10114
Owner Address2: Not reported
Owner City, State, Zip: Virginia Beach, VA 23450
Owner Type: COMMERCIAL
Number of Active AST: 0
Number of Active UST: 3
Number of Inactive AST: 0
Number of Inactive UST: 0

UST:

Facility ID: 5024425
Federally Regulated: Yes

Tank Number: 1
Tank Capacity: 10000
Tank Contents: DIESEL
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:

Install Date: 7/1/1991
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel Yes
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior No
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Sti-P3

Release Detection:

Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge Yes
Tank Release Detection: Tank Tightness No
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory No
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH STREET BP (Continued)

U003692485

Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	TLS-350 w/CSLD
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	flapper

Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	Yes
Pipe Materials: Other Note	FLEX PROTECTORS

Facility ID:	5024425
Federally Regulated:	Yes

Tank Number:	2
Tank Capacity:	10000
Tank Contents:	GASOLINE
Tank Status:	CURR IN USE
Tank Type:	UST

Tank Material:	
Install Date:	7/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Sti-P3

Release Detection:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH STREET BP (Continued)

U003692485

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	TLS-350 w/CSLD
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	flapper

Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	Yes
Pipe Materials: Other Note	FLEX PROTECTORS

Facility ID:	5024425
Federally Regulated:	Yes

Tank Number:	3
Tank Capacity:	10000
Tank Contents:	GASOLINE
Tank Status:	CURR IN USE
Tank Type:	UST

Tank Material:	
Install Date:	7/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH STREET BP (Continued)

U003692485

Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Sti-P3

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	TLS-350 w/CSLD
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	flapper

Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	Yes
Pipe Materials: Other Note	FLEX PROTECTORS

VA Financial Assurance 1:

Facility ID:	5024425
Owner Name:	Tidewater Investments LLC
ROF Own Id:	40905
Tank Type:	UST
Mechanism:	Not reported
Gallonage:	Not reported
Per Occurrence:	Not reported
Third Party:	Not reported
Annual Aggregate:	Not reported
In Compliance:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH STREET BP (Continued)

U003692485

Total Capacity: 10000
CEDS Facility Name: BP Amoco Station #60546
Tank Status: CURR IN USE
Active Federally Regualted UST: Y

Facility ID: 5024425
Owner Name: Tidewater Investments LLC
ROF Own Id: 40905
Tank Type: UST
Mechanism: Not reported
Gallonage: Not reported
Per Occurence: Not reported
Third Party: Not reported
Annual Aggregate: Not reported
In Compliance: Not reported
Total Capacity: 10000
CEDS Facility Name: BP Amoco Station #60546
Tank Status: CURR IN USE
Active Federally Regualted UST: Y

Facility ID: 5024425
Owner Name: Tidewater Investments LLC
ROF Own Id: 40905
Tank Type: UST
Mechanism: Not reported
Gallonage: Not reported
Per Occurence: Not reported
Third Party: Not reported
Annual Aggregate: Not reported
In Compliance: Not reported
Total Capacity: 10000
CEDS Facility Name: BP Amoco Station #60546
Tank Status: CURR IN USE
Active Federally Regualted UST: Y

F17
WSW
1/8-1/4
0.195 mi.
1028 ft.

AMOCO 60546 TANKS
800 E BRAMBLETON AVE
NORFOLK, VA 23504

Site 2 of 2 in cluster F

RCRA-SQG 1000891691
FINDS VA0000251710
ECHO

Relative:
Higher

Actual:
8 ft.

RCRA-SQG:
Date form received by agency: 04/12/1994
Facility name: AMOCO 60546 TANKS
Facility address: 800 E BRAMBLETON AVE
NORFOLK, VA 23504
EPA ID: VA0000251710
Mailing address: ONE W PENNA AVE STE 900
TOWSON, MD 21204-5027
Contact: TONI DOUGHERTY
Contact address: ONE W PENNA AVE STE 900
TOWSON, MD 21204-5027
Contact country: US
Contact telephone: 410-494-3704
Contact email: Not reported
EPA Region: 03
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO 60546 TANKS (Continued)

1000891691

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: AMOCO OIL CO
Owner/operator address: STE 900 ONE W PENNA AVE
TOWSON, MD 21204
Owner/operator country: Not reported
Owner/operator telephone: 410-494-3706
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110005214099

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO 60546 TANKS (Continued)

1000891691

corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000891691
Registry ID: 110005214099
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005214099>

18
WNW
1/8-1/4
0.202 mi.
1065 ft.

GUIDE PUBLISHING CO INC
1017 CHURCH ST
NORFOLK, VA 23501

RCRA NonGen / NLR
FINDS
ECHO

1000185622
VAD003175791

Relative:
Higher
Actual:
11 ft.

RCRA NonGen / NLR:
Date form received by agency: 08/18/1980
Facility name: GUIDE PUBLISHING CO INC
Facility address: 1017 CHURCH ST
NORFOLK, VA 23501
EPA ID: VAD003175791
Mailing address: PO BOX 209
NORFOLK, VA 23501
Contact: ENVIRONMENTAL COORDINATOR
Contact address: 1017 CHURCH ST
NORFOLK, VA 23501
Contact country: US
Contact telephone: 215-555-1212
Contact email: Not reported
EPA Region: 03
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: Not reported
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUIDE PUBLISHING CO INC (Continued)

1000185622

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110005218987

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000185622
Registry ID: 110005218987
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005218987>

G19
South
1/8-1/4
0.217 mi.
1144 ft.

NORFOLK TRUCK CTR
736 TIDEWATER DR
NORFOLK, VA 23504
Site 1 of 2 in cluster G

RCRA-SQG **1000229917**
FINDS **VAD046244208**
ECHO

Relative:
Higher

RCRA-SQG:
Date form received by agency: 02/02/1987
Facility name: NORFOLK TRUCK CTR
Facility address: 736 TIDEWATER DR
NORFOLK, VA 23504
EPA ID: VAD046244208

Actual:
8 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORFOLK TRUCK CTR (Continued)

1000229917

Contact: LEE COUCH
Contact address: 736 TIDEWATER DR
NORFOLK, VA 23504
Contact country: US
Contact telephone: 804-622-3246
Contact email: Not reported
EPA Region: 03
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HARLOW, JOHN
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORFOLK TRUCK CTR (Continued)

1000229917

Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 12/11/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005222437

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000229917
Registry ID: 110005222437
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005222437>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G20
South
1/8-1/4
0.217 mi.
1144 ft.

NORFOLK TRUCK CENTER INC
736 TIDEWATER DRIVE
NORFOLK, VA 23504

Site 2 of 2 in cluster G

UST **U003690847**
N/A

Relative:
Higher

Actual:
8 ft.

Facility:

Facility Id: 5012045
Facility Type: COMMERCIAL
CEDS Facility ID: 200000066345

Owner:

Owner Id: 34103
Owner Name: JOHN P HARLOW
Owner Address: 736 TIDEWATER DRIVE
Owner Address2: Not reported
Owner City, State, Zip: NORFOLK, VA 23504
Owner Type: COMMERCIAL
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 1

UST:

Facility ID: 5012045
Federally Regulated: Yes

Tank Number: 1
Tank Capacity: 500
Tank Contents: USED OIL
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:

Install Date: 5/5/1957
Tank Materials: Bare Steel Yes
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior No
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge No
Tank Release Detection: Tank Tightness No
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory No
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORFOLK TRUCK CENTER INC (Continued)

U003690847

Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

H21
West
1/8-1/4
0.233 mi.
1230 ft.

LET US PRODUCE
620 E OLNEY RD
NORFOLK, VA 23510

LUST
LTANKS

S107869792
N/A

Relative:
Higher

Actual:
11 ft.

Site 1 of 2 in cluster H

LUST REG TD:

Region:	TD
Region Code:	TRO
Facility ID:	200000224072
Facility Status:	Closed
Completed Date:	05/02/2006
Pollution Complaint Num:	20065148
Fed Regulated Tank:	No
Phase Code:	RR
Event Description:	Release Reported
Comments:	Release reported

Region:	TD
Region Code:	TRO
Facility ID:	200000224072
Facility Status:	Closed
Completed Date:	06/16/2006
Pollution Complaint Num:	20065148
Fed Regulated Tank:	No
Phase Code:	CLOSURE
Event Description:	Case Closure Date - Letter Sent
Comments:	Case closed, no further corrective action letter sent

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LET US PRODUCE (Continued)

S107869792

LTANKS:

Region: TRO
CEDS Facility Id: 200000224072
Case Status: Closed
Pollution Complaint #: 20065148
Reported: 05/02/2006
Case Closed Date: 06/16/2006
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): Y
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: NFA

22
WSW
1/8-1/4
0.235 mi.
1242 ft.

7 ELEVEN 10656
712 W CHURCH RD
STERLING PARK, VA 22164

LTANKS S105684223
N/A

Relative:
Higher

LTANKS:

Actual:
10 ft.

Region: NRO
CEDS Facility Id: 200000097372
Case Status: Closed
Pollution Complaint #: 19911578
Reported: 04/25/1991
Case Closed Date: 12/09/1991
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): Y
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I23
SW
1/8-1/4
0.238 mi.
1259 ft.

ONE STOP FOOD MART #351
900 BRAMBLETON AVENUE
NORFOLK, VA 23504

Site 1 of 2 in cluster I

LUST
LTANKS
UST
Financial Assurance

U003769912
N/A

Relative:
Higher

Actual:
7 ft.

LUST REG TD:

Region: TD
Region Code: TRO
Facility ID: 200000195743
Facility Status: Closed
Completed Date: 05/12/2000
Pollution Complaint Num: 20005220
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: Not reported

Region: TD
Region Code: TRO
Facility ID: 200000195743
Facility Status: Closed
Completed Date: 11/06/2001
Pollution Complaint Num: 20005220
Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: Case closed/letter sent

LTANKS:

Region: TRO
CEDS Facility Id: 200000195743
Case Status: Closed
Pollution Complaint #: 20005220
Reported: 05/12/2000
Case Closed Date: 11/06/2001
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): Y
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

Facility:

Facility Id: 5037733
Facility Type: GAS STATION
CEDS Facility ID: 200000195743

Owner:

Owner Id: 26632

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONE STOP FOOD MART #351 (Continued)

U003769912

Owner Name: J&M Investments
Owner Address: 329 Office Square Lane #200
Owner Address2: Not reported
Owner City, State, Zip: Virginia Beach, VA 23462
Owner Type: COMMERCIAL
Number of Active AST: 0
Number of Active UST: 2
Number of Inactive AST: 0
Number of Inactive UST: 2

UST:

Facility ID: 5037733
Federally Regulated: Yes

Tank Number: 1
Tank Capacity: 12000
Tank Contents: GASOLINE
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:

Install Date: 4/1/2000
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite Yes
Tank Materials: Double Walled No
Tank Materials: Lined Interior No
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge Yes
Tank Release Detection: Tank Tightness Yes
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory Yes
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install Yes
Tank Release Detection: Overfill Install Yes
Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment No
Tank Release Detection: Int Double Walled No
Tank Release Detection: Other Method No
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred No
Pipe Release Detection: Autoleak Not reported
Pipe Release Detection: Line Tightness Yes
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONE STOP FOOD MART #351 (Continued)

U003769912

Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

Pipe Type: PRESSURE
Pipe Materials: Bare Steel No
Pipe Materials: Galvanized Steel No
Pipe Materials: Copper No
Pipe Materials: Fiberglass No
Pipe Materials: Cath Protect No
Pipe Materials: Double Walled Yes
Pipe Materials: Sec Containment No
Pipe Materials: Repaired No
Pipe Materials: Unknown No
Pipe Materials: Other No
Pipe Materials: Other Note Not reported

Facility ID: 5037733
Federally Regulated: Yes

Tank Number: 2
Tank Capacity: 8000
Tank Contents: GASOLINE
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:
Install Date: 4/1/2000
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite Yes
Tank Materials: Double Walled No
Tank Materials: Lined Interior No
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Not reported

Release Detection:
Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge Yes
Tank Release Detection: Tank Tightness Yes
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory Yes
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install Yes
Tank Release Detection: Overfill Install Yes
Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONE STOP FOOD MART #351 (Continued)

U003769912

Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	No
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	Yes
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

Facility ID:	5037733
Federally Regulated:	Yes

Tank Number:	R1
Tank Capacity:	1200
Tank Contents:	OTHER
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONE STOP FOOD MART #351 (Continued)

U003769912

Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:	VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

Facility ID:	5037733
Federally Regulated:	Yes

Tank Number:	R2
Tank Capacity:	1000
Tank Contents:	GASOLINE
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONE STOP FOOD MART #351 (Continued)

U003769912

Tank Materials: Other No
Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge No
Tank Release Detection: Tank Tightness No
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory No
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install No
Tank Release Detection: Overfill Install No
Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment No
Tank Release Detection: Int Double Walled No
Tank Release Detection: Other Method No
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak Not reported
Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

Pipe Type: VALVE: SUCTION
Pipe Materials: Bare Steel Yes
Pipe Materials: Galvanized Steel No
Pipe Materials: Copper No
Pipe Materials: Fiberglass No
Pipe Materials: Cath Protect No
Pipe Materials: Double Walled No
Pipe Materials: Sec Containment No
Pipe Materials: Repaired No
Pipe Materials: Unknown No
Pipe Materials: Other No
Pipe Materials: Other Note Not reported

VA Financial Assurance 1:

Facility ID: 5037733
Owner Name: J&M Investments
ROF Own Id: 26632
Tank Type: UST
Mechanism: Letter of Credit
Gallonage: Not reported
Per Occurrence: 50000
Third Party: 150000
Annual Aggregate: 200000
In Compliance: Not reported
Total Capacity: 12000
CEDS Facility Name: One Stop Food Mart
Tank Status: CURR IN USE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONE STOP FOOD MART #351 (Continued)

U003769912

Active Federally Regualted UST: Y

Facility ID: 5037733
Owner Name: J&M Investments
ROF Own Id: 26632
Tank Type: UST
Mechanism: Letter of Credit
Gallonage: Not reported
Per Occurence: 50000
Third Party: 150000
Annual Aggregate: 200000
In Compliance: Not reported
Total Capacity: 8000
CEDS Facility Name: One Stop Food Mart
Tank Status: CURR IN USE
Active Federally Regualted UST: Y

H24
WSW
1/8-1/4
0.245 mi.
1292 ft.

WILLIAMS, T C CLEANER
635 E OLNEY
NORFOLK, VA 23510
Site 2 of 2 in cluster H

RCRA NonGen / NLR
FINDS
ECHO

1000283928
VAD982580540

Relative:
Higher
Actual:
11 ft.

RCRA NonGen / NLR:
Date form received by agency: 07/20/2017
Facility name: WILLIAMS, T C CLEANER
Facility address: 635 E OLNEY
NORFOLK, VA 23510
EPA ID: VAD982580540
Contact: FLORENCE MOORE
Contact address: 635 E OLNEY
NORFOLK, VA 23510
Contact country: US
Contact telephone: 804-625-4813
Contact email: Not reported
EPA Region: 03
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: US
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: MASON, LYND
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS, T C CLEANER (Continued)

1000283928

Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999

Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MASON, LYNDIA
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999

Owner/operator country: US
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/15/1988
Site name: WILLIAMS, T C CLEANER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS, T C CLEANER (Continued)

1000283928

Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 05/16/2017
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005234157

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000283928
Registry ID: 110005234157
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005234157>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I25
SSW
1/4-1/2
0.274 mi.
1447 ft.

NORFOLK CITY - PLUM POINT PARK
1001 W BRAMBLETON AVE
NORFOLK, VA 23510

Site 2 of 2 in cluster I

LUST
LTANKS
S108514749
N/A

Relative:
Higher
Actual:
7 ft.

LUST REG TD:

Region: TD
Region Code: TRO
Facility ID: 200000846463
Facility Status: Closed
Completed Date: 04/06/2007
Pollution Complaint Num: 20075109
Fed Regulated Tank: No
Phase Code: RR
Event Description: Release Reported
Comments: Release reported

Region: TD
Region Code: TRO
Facility ID: 200000846463
Facility Status: Closed
Completed Date: 09/24/2007
Pollution Complaint Num: 20075109
Fed Regulated Tank: No
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: Case closed, no further corrective action letter sent

LTANKS:

Region: TRO
CEDS Facility Id: 200000846463
Case Status: Closed
Pollution Complaint #: 20075109
Reported: 04/06/2007
Case Closed Date: 09/24/2007
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): Y
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

26
NW
1/4-1/2
0.318 mi.
1677 ft.

**NR&HA RETENTION POND
NEAR ANNE & OUTTEN STREETS
NORFOLK, VA 23504**

**LUST S105118292
N/A**

**Relative:
Higher**

LUST REG TD:

**Actual:
7 ft.**

Region: TD
Region Code: TRO
Facility ID: 200000066371
Facility Status: Closed
Completed Date: 07/21/1994
Pollution Complaint Num: 19952213
Fed Regulated Tank: No
Phase Code: RR
Event Description: Release Reported
Comments: HOT SOILS (FROM OLD RESIDENTIAL AST?) DURING RETENTION POND CONSTR.

Region: TD
Region Code: TRO
Facility ID: 200000066371
Facility Status: Closed
Completed Date: 08/15/1994
Pollution Complaint Num: 19952213
Fed Regulated Tank: No
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: CASE CLOSED-NFA REQUIRED.

27
SSW
1/4-1/2
0.344 mi.
1814 ft.

**TIDEWATER PARK ELEMENTARY SCHOOL
1045 BRAMBLETON AVENUE
NORFOLK, VA 23504**

**LUST U003692731
LTANKS N/A
UST**

**Relative:
Lower**

LUST REG TD:

**Actual:
6 ft.**

Region: TD
Region Code: TRO
Facility ID: 200000067352
Facility Status: Closed
Completed Date: 12/22/1992
Pollution Complaint Num: 19931231
Fed Regulated Tank: No
Phase Code: RR
Event Description: Release Reported
Comments: CONTAMINATED SOILS & FP FOUND NEAR USTS DURING SITE CHECK.

Region: TD
Region Code: TRO
Facility ID: 200000067352
Facility Status: Closed
Completed Date: 05/04/1995
Pollution Complaint Num: 19931231
Fed Regulated Tank: No
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: CASE CLOSED.

LTANKS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIDEWATER PARK ELEMENTARY SCHOOL (Continued)

U003692731

Region: TRO
CEDS Facility Id: 200000067352
Case Status: **Closed**
Pollution Complaint #: 19931231
Reported: 12/22/1992
Case Closed Date: 05/04/1995
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

Facility:

Facility Id: 5026610
Facility Type: LOCAL
CEDS Facility ID: 200000067352

Owner:

Owner Id: 31434
Owner Name: Norfolk Public Schools
Owner Address: 966 Bellmore Ave
Owner Address2: Not reported
Owner City, State, Zip: Norfolk, VA 23504
Owner Type: LOCAL
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 2

UST:

Facility ID: 5026610
Federally Regulated: No

Tank Number: G1
Tank Capacity: 2000
Tank Contents: KEROSENE
Tank Status: **CLS IN GRD**
Tank Type: UST

Tank Material:

Install Date: 1/2/1963
Tank Materials: Bare Steel Yes
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIDEWATER PARK ELEMENTARY SCHOOL (Continued)

U003692731

Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

Facility ID:	5026610
Federally Regulated:	No

Tank Number:	G2
Tank Capacity:	4000
Tank Contents:	KEROSENE
Tank Status:	CLS IN GRD
Tank Type:	UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIDEWATER PARK ELEMENTARY SCHOOL (Continued)

U003692731

Tank Material:

Install Date:	6/1/1973
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:

	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J28
SW
1/4-1/2
0.351 mi.
1851 ft.
US POSTAL SERVICE - HRGMF
600 CHURCH ST
NORFOLK, VA 23501
Site 1 of 2 in cluster J

LTANKS **S113411895**
N/A

Relative:
Higher

LTANKS:

Actual:
8 ft.

Region: TRO
CEDS Facility Id: 200000067441
Case Status: Closed
Pollution Complaint #: 19901020
Reported: 02/09/1990
Case Closed Date: 08/08/1994
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

J29
SW
1/4-1/2
0.351 mi.
1851 ft.
US POSTAL SERVICE - CHURCH STATION
600 CHURCH ST
NORFOLK, VA 23501
Site 2 of 2 in cluster J

LUST **S109609730**
LTANKS **N/A**
SPILLS

Relative:
Higher

LUST REG TD:

Actual:
8 ft.

Region: TD
Region Code: TRO
Facility ID: 200000067441
Facility Status: Closed
Completed Date: 02/07/2006
Pollution Complaint Num: 20065105
Fed Regulated Tank: No
Phase Code: RR
Event Description: Release Reported
Comments: Release reported

Region: TD
Region Code: TRO
Facility ID: 200000067441
Facility Status: Closed
Completed Date: 01/08/2008
Pollution Complaint Num: 20065105
Fed Regulated Tank: No
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: Case closed, no further corrective action letter sent

Region: TD
Region Code: TRO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - CHURCH STATION (Continued)

S109609730

Facility ID: 200000067441
Facility Status: **Closed**
Completed Date: 02/09/1990
Pollution Complaint Num: 19901020
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: USTS FAILED TT TESTS IN 11/89! PRODUCT STILL IN USTS.

Region: TD
Region Code: TRO
Facility ID: 200000067441
Facility Status: **Closed**
Completed Date: 08/08/1994
Pollution Complaint Num: 19901020
Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: CASE CLOSED-NO FURTHER ACTION REQUIRED.

LTANKS:

Region: TRO
CEDS Facility Id: 200000067441
Case Status: **Closed**
Pollution Complaint #: 20065105
Reported: 02/07/2006
Case Closed Date: 01/08/2008
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): Y
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Category 3

SPILLS:

Fips City/County: Norfolk City
Status: Closed
Reference Id: 151933
IR Number: 2019-T-0852
Associated IR: Not reported
Incident Date: 08/25/2018
Call Received Date: 09/05/2018
Closure Comments: Clean up complete. Event referred to and all records will be retained by hazardous waste compliance program, EPA ID VA5180000148.
Threat To: Not reported
Terrorism (Y/N): N
Characterize Incident: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - CHURCH STATION (Continued)

S109609730

Incident Type:	Waste
Incident Subtype:	Hazardous Waste * Waste
Materials:	Mercury (1-1 Gallons)
Effect To Receptor:	Not reported
Water Body:	Not reported
Low Quantity To Water:	Not reported
High Quantity To Water:	Not reported
Quantity Units:	Not reported
Other Receptors:	Not reported
RP Company:	Not reported
RP Name:	Not reported
Property Owner:	Not reported
Property Company:	Not reported
Duration Of Event (Hrs):	0
Impacts:	Not reported
Other Impacts:	Not reported
Steps Taken:	Not reported
Steps Taken Description:	Not reported
System Components:	Not reported
Other System Components:	Not reported
Cause Of Event:	Not reported
Corrective Action Taken:	Not reported
Weather Status:	N/A
Precipitation (Wet):	0
Discharge Type:	N/A
Discharge Volume:	0
Unknown Discharge (Y/N):	N
Site Name:	MERCURY AT POST OFFICE
Closure Date:	11/13/2018
Orig. Call Incident Description:	CHIEF SULLIVAN WITH NORFOLK FD REPORTED THAT AT A POST OFFICE AT 600 Church St Norfolk, VA 23501 A BIG METAL CONTAINER WITH A HAZMAT PLACARD WAS MOVED VIA FORKLIFT WHEN IT SHOULD HAVE BEEN MOVED BY HAND WHICH CAUSED THE RELEASE OF LESS THAN ONE GALLON OF MERCURY FROM THE PACKAGE. CLEANUP AREA 20 x 20 AREA. EMPLOYEES EVACUATED FROM BUILDING. SITUATION SECURE AND CLEANUP CONTRACTOR WILL BE NOTIFIED. NO VDEM ASSISTANCE REQUESTED
Original Call Material Description:	mercury
Original Call Location Description:	600 Church St Norfolk, VA 23501
Incident Ongoing at time of Call:	Not reported
Agencies Notified (Y/N):	Y
Other Agencies:	VDEM, Norfolk Fire Dept
Permitted (Y/N):	N
Call Reported By Company Name:	Not reported
Call Property Owner Company Name:	Not reported
Call Property Owner Name:	Not reported
Site Summary:	CHIEF SULLIVAN WITH NORFOLK FD REPORTED THAT AT A POST OFFICE AT 600 Church St Norfolk, VA 23501 A BIG METAL CONTAINER WITH A HAZMAT PLACARD WAS MOVED VIA FORKLIFT WHEN IT SHOULD HAVE BEEN MOVED BY HAND WHICH CAUSED THE RELEASE OF LESS THAN ONE GALLON OF MERCURY FROM THE PACKAGE. CLEANUP AREA 20 x 20 AREA. EMPLOYEES EVACUATED FROM BUILDING. SITUATION SECURE AND CLEANUP CONTRACTOR WILL BE NOTIFIED. NO VDEM ASSISTANCE REQUESTED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

30
SSE
1/4-1/2
0.356 mi.
1879 ft.

CITY OF NORFOLK MAINTENANCE SHOP
736 CECELIA ST
NORFOLK, VA 23504

LUST
LTANKS
UST

U003977075
N/A

Relative:
Higher

Actual:
7 ft.

LUST REG TD:

Region: TD
Region Code: TRO
Facility ID: 200000066031
Facility Status: Closed
Completed Date: 03/07/2007
Pollution Complaint Num: 20075089
Fed Regulated Tank: No
Phase Code: RR
Event Description: Release Reported
Comments: Release reported

Region: TD
Region Code: TRO
Facility ID: 200000066031
Facility Status: Closed
Completed Date: 02/29/2008
Pollution Complaint Num: 20075089
Fed Regulated Tank: No
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: Case closed, no further corrective action letter sent

Region: TD
Region Code: TRO
Facility ID: 200000066031
Facility Status: Closed
Completed Date: 08/18/1999
Pollution Complaint Num: 20005028
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: PETROL CONTAM NOTED DURING UST CLS ASSESSMENT.

Region: TD
Region Code: TRO
Facility ID: 200000066031
Facility Status: Closed
Completed Date: 02/01/2005
Pollution Complaint Num: 20005028
Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: Case closed, no further corrective action letter sent

LTANKS:

Region: TRO
CEDS Facility Id: 200000066031
Case Status: Closed
Pollution Complaint #: 20075089
Reported: 03/07/2007
Case Closed Date: 02/29/2008
Program: RP Lead

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF NORFOLK MAINTENANCE SHOP (Continued)

U003977075

Federally Regulated UST (Y/N):	N
Regulated Petroleum UST (1):	N
Excluded UST (1):	N
Deferred UST (1):	N
Partially Deferred UST (1):	N
Exempt 1 UST (2):	N
Exempt 2 Heating Oil UST (2):	Y
Small Heating Oil AST (2):	N
Regulated AST (3):	N
Unregulated AST (3):	N
Other Y/N:	N
Unknown Y/N:	N
Other Description:	Not reported
Heating Oil Category:	Category 3

Facility:

Facility Id:	5022537
Facility Type:	LOCAL
CEDS Facility ID:	200000066031

Owner:

Owner Id:	27233
Owner Name:	City of Norfolk
Owner Address:	2840 Dana Street
Owner Address2:	Attn: William Clendenin
Owner City, State, Zip:	Norfolk, VA 23509
Owner Type:	LOCAL
Number of Active AST:	0
Number of Active UST:	0
Number of Inactive AST:	0
Number of Inactive UST:	2

UST:

Facility ID:	5022537
Federally Regulated:	Yes

Tank Number:	R1
Tank Capacity:	5000
Tank Contents:	GASOLINE
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:

Install Date:	8/1/1980
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF NORFOLK MAINTENANCE SHOP (Continued)

U003977075

Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

Facility ID:	5022537
Federally Regulated:	Yes

Tank Number:	R2
Tank Capacity:	5000
Tank Contents:	GASOLINE
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:	
Install Date:	8/1/1981
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF NORFOLK MAINTENANCE SHOP (Continued)

U003977075

Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

31
West
1/4-1/2
0.400 mi.
2111 ft.

YOUNGS PARK ELEMENTARY SCHOOL
543 OLNEY EAST ROAD
NORFOLK, VA 23507

LUST
LTANKS
UST

U003692551
N/A

Relative:
Higher
Actual:
10 ft.

LUST REG TD:

Region: TD
Region Code: TRO
Facility ID: 200000067833
Facility Status: Closed
Completed Date: 06/15/1990
Pollution Complaint Num: 19901773
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: SOIL CONTAMINATION ASSOCIATED WITH UST REMOVALS.

Region: TD
Region Code: TRO
Facility ID: 200000067833
Facility Status: Closed
Completed Date: 08/12/1994
Pollution Complaint Num: 19901773
Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: CASE CLOSED-NO FURTHER ACTION REQUIRED.

LTANKS:

Region: TRO
CEDS Facility Id: 200000067833
Case Status: Closed
Pollution Complaint #: 19901773
Reported: 06/15/1990
Case Closed Date: 08/12/1994
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

Facility:

Facility Id: 5025013
Facility Type: LOCAL
CEDS Facility ID: 200000067833

Owner:

Owner Id: 31434

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YOUNGS PARK ELEMENTARY SCHOOL (Continued)

U003692551

Owner Name:	Norfolk Public Schools
Owner Address:	966 Bellmore Ave
Owner Address2:	Not reported
Owner City, State, Zip:	Norfolk, VA 23504
Owner Type:	LOCAL
Number of Active AST:	0
Number of Active UST:	0
Number of Inactive AST:	0
Number of Inactive UST:	1

UST:

Facility ID:	5025013
Federally Regulated:	Yes

Tank Number:	1
Tank Capacity:	Not reported
Tank Contents:	UNKNOWN
Tank Status:	PERM OUT OF USE
Tank Type:	UST

Tank Material:

Install Date:	Not reported
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	Yes
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YOUNGS PARK ELEMENTARY SCHOOL (Continued)

U003692551

Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

Pipe Type: UNKNOWN
Pipe Materials: Bare Steel No
Pipe Materials: Galvanized Steel No
Pipe Materials: Copper No
Pipe Materials: Fiberglass No
Pipe Materials: Cath Protect No
Pipe Materials: Double Walled No
Pipe Materials: Sec Containment No
Pipe Materials: Repaired No
Pipe Materials: Unknown Yes
Pipe Materials: Other No
Pipe Materials: Other Note Not reported

32
NNW
1/4-1/2
0.401 mi.
2116 ft.

NRHA - BREWERY SITE
1500 CHURCH ST
NORFOLK, VA 23504

LUST S105788397
LTANKS N/A

Relative:
Higher
Actual:
11 ft.

LUST REG TD:

Region: TD
Region Code: TRO
Facility ID: 200000209830
Facility Status: Closed
Completed Date: 03/06/2003
Pollution Complaint Num: 20035102
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: Release reported

Region: TD
Region Code: TRO
Facility ID: 200000209830
Facility Status: Closed
Completed Date: 06/01/2005
Pollution Complaint Num: 20035102
Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: Case closed, no further assessment letter sent

LTANKS:

Region: TRO
CEDS Facility Id: 200000209830
Case Status: Closed
Pollution Complaint #: 20035102
Reported: 03/06/2003
Case Closed Date: 06/01/2005
Program: RP Lead
Federally Regulated UST (Y/N): Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - BREWERY SITE (Continued)

S105788397

Regulated Petroleum UST (1): Y
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: Y
Unknown Y/N: N
Other Description: vinyl chloride from previous spills (non-pet)
Heating Oil Category: Not reported

33
ENE
1/4-1/2
0.404 mi.
2131 ft.

CHAMBERS WASTE SYSTEMS OF VIRGINIA
1371 HANSON AVE
NORFOLK, VA 23504

SWF/LF
LUST
LTANKS
SPILLS

S105987231
N/A

Relative:
Higher
Actual:
12 ft.

SWF/LF:
Permit Number: PBR058
Unit Name: Transfer Station
Unit Status Code: Not reported
Deq Region: Tidewater Regional Office
Mailing Address: Not reported
Mailing Address 2: Not reported
Mailing Address 3: Not reported
Mailing City,St,Zip: Not reported
Facility Telephone: Not reported
Decimal Longitude: Not reported
Lat/Long (dms): 36 51 31.92 / -76 16 4.637
Owner Name: Not reported
Operator Name: Not reported
Unit Status Description: Transfer Station - Clean Closed
Payment ID: Not reported

Permit:
Permit Number: PBR058
Unit Description: Chambers Norfolk Ts
FIC Description: Norfolk City
Permit Event Desc: Permit issued
Permit Event Complete Date: 5/16/1994

Permit Number: PBR058
Unit Description: Chambers Norfolk Ts
FIC Description: Norfolk City
Permit Event Desc: PBR Facility Date of Final Closure
Permit Event Complete Date: 10/16/1998

LUST REG TD:
Region: TD
Region Code: TRO
Facility ID: 200000064471
Facility Status: Closed
Completed Date: 01/16/1998
Pollution Complaint Num: 19982290

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAMBERS WASTE SYSTEMS OF VIRGINIA (Continued)

S105987231

Fed Regulated Tank: No
Phase Code: RR
Event Description: Release Reported
Comments: PETROL CONTAM SOILS NOTED DURING UST EXCAVATION.

Region: TD
Region Code: TRO
Facility ID: 200000064471
Facility Status: Closed
Completed Date: 03/06/1998
Pollution Complaint Num: 19982290
Fed Regulated Tank: No
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: CASE CLOSED. NFAR.

Region: TD
Region Code: TRO
Facility ID: 200000064471
Facility Status: Closed
Completed Date: 10/28/2003
Pollution Complaint Num: 20045111
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: Release reported

Region: TD
Region Code: TRO
Facility ID: 200000064471
Facility Status: Closed
Completed Date: 12/15/2003
Pollution Complaint Num: 20045111
Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: Case closed, no further action letter sent

LTANKS:

Region: TRO
CEDS Facility Id: 200000064471
Case Status: Closed
Pollution Complaint #: 20045111
Reported: 10/28/2003
Case Closed Date: 12/15/2003
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): Y
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAMBERS WASTE SYSTEMS OF VIRGINIA (Continued)

S105987231

Unknown Y/N: Y
Other Description: Not reported
Heating Oil Category: Not reported

SPILLS TD:

Region: TD
PC Number: 96-8549
Incident Response: Not reported
Incident Date: Not reported
Time In: Not reported
Facility Permitted: Not reported
Facility Contact: Not reported
Facility Phone: Not reported
Resp Party: Not reported
RP Company: Not reported
RP Address: Not reported
RP City,St,Zip: Not reported
Resp Party Phone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Owner Contact: Not reported
Owner Phone: Not reported
Incident Date: Not reported
Incident Time: Not reported
Petroleum: Not reported
Solid Waste: Not reported
Haz Waste: Not reported
Water: Not reported
Air: Not reported
Sewage: Not reported
Fish Killed: Not reported
Medical Waste: Not reported
Wetland: Not reported
Terrorism: Not reported
Material Released: Not reported
Possible Receptors: Not reported
Qty Released: Not reported
Unit: Not reported
Qty In Water: Not reported
Receiving Waters: Not reported
River Basin: Not reported
Topo Map Id: Not reported
Inspection Dt: Not reported
Call Date: Not reported
Inspector: Not reported
Response Due: Not reported
Response Receive: Not reported
Date Closed: Not reported
Dt Ref Air C/m: Not reported
Air Reg Permit #: Not reported
Date Ref Waste C/M: Not reported
Epa Ir/permit #: Not reported
Date Ref Water C/m: Not reported
Water Permit #: Not reported
Date Ref Remediation: Not reported
Remediation PC #: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAMBERS WASTE SYSTEMS OF VIRGINIA (Continued)

S105987231

Date Ref Enforcement: Not reported
NOV Number: Not reported
Date Received: 9/6/1995
Source: Not reported
Summary: Not reported
Comments: Not reported
Report Notes: ODOR FROM CONTAINERS AND WASTE PIT.
Reported By Company: Not reported
Reported By Address: Not reported
Reported By Street: Not reported
Reported By City,St,Zip: Not reported
Reported By Phone: Not reported
Report By Name: Not reported
PI Date: 9/11/1995
Incident Time: 13:51
Incident Type: AIR
Stream: Not reported
Spill Volume: Not reported
Spill Unit: Not reported
Volume To State Water: Not reported

34
West
1/4-1/2
0.404 mi.
2133 ft.

NRHA - YOUNG TERRACE VA6-10
816 WHITAKER LANE
NORFOLK, VA 23501

LUST
LTANKS
UST
AIRS

U003692166
N/A

Relative:
Higher
Actual:
10 ft.

LUST REG TD:
Region: TD
Region Code: TRO
Facility ID: 200000066380
Facility Status: Closed
Completed Date: 12/20/1990
Pollution Complaint Num: 19920697
Fed Regulated Tank: No
Phase Code: RR
Event Description: Release Reported
Comments: GROUNDWATER IMPACTED

Region: TD
Region Code: TRO
Facility ID: 200000066380
Facility Status: Closed
Completed Date: 08/17/1994
Pollution Complaint Num: 19920697
Fed Regulated Tank: No
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: CASE CLOSED.

LTANKS:
Region: TRO
CEDS Facility Id: 200000066380
Case Status: Closed
Pollution Complaint #: 19920697
Reported: 12/20/1990
Case Closed Date: 08/17/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Program:	RP Lead
Federally Regulated UST (Y/N):	N
Regulated Petroleum UST (1):	N
Excluded UST (1):	N
Deferred UST (1):	N
Partially Deferred UST (1):	N
Exempt 1 UST (2):	N
Exempt 2 Heating Oil UST (2):	N
Small Heating Oil AST (2):	N
Regulated AST (3):	N
Unregulated AST (3):	N
Other Y/N:	N
Unknown Y/N:	N
Other Description:	Not reported
Heating Oil Category:	Not reported

Facility:

Facility Id:	5022289
Facility Type:	LOCAL
CEDS Facility ID:	200000066380

Owner:

Owner Id:	31444
Owner Name:	NORFOLK REDEVELOPMENT HOUSING AUTHORITY
Owner Address:	201 GRANBY MALL
Owner Address2:	Not reported
Owner City, State, Zip:	NORFOLK, VA 23501
Owner Type:	LOCAL
Number of Active AST:	0
Number of Active UST:	0
Number of Inactive AST:	0
Number of Inactive UST:	4

UST:

Facility ID:	5022289
Federally Regulated:	No

Tank Number:	3
Tank Capacity:	10000
Tank Contents:	HEATING OIL
Tank Status:	PERM OUT OF USE
Tank Type:	UST

Tank Material:

Install Date:	12/1/1990
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	Yes
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Tank Materials: Other No
Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge Yes
Tank Release Detection: Tank Tightness No
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory No
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install No
Tank Release Detection: Overfill Install No
Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment Yes
Tank Release Detection: Int Double Walled No
Tank Release Detection: Other Method No
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak Not reported
Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

Pipe Type: UNKNOWN
Pipe Materials: Bare Steel No
Pipe Materials: Galvanized Steel No
Pipe Materials: Copper No
Pipe Materials: Fiberglass Yes
Pipe Materials: Cath Protect No
Pipe Materials: Double Walled No
Pipe Materials: Sec Containment No
Pipe Materials: Repaired No
Pipe Materials: Unknown No
Pipe Materials: Other No
Pipe Materials: Other Note Not reported

Facility ID: 5022289
Federally Regulated: No

Tank Number: 4
Tank Capacity: 10000
Tank Contents: HEATING OIL
Tank Status: PERM OUT OF USE
Tank Type: UST

Tank Material:

Install Date: 12/1/1990
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	Yes
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	Yes
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

Facility ID:	5022289
Federally Regulated:	No

Tank Number:	R1
Tank Capacity:	10000
Tank Contents:	HEATING OIL
Tank Status:	REM FROM GRD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Tank Type:	UST
Tank Material:	
Install Date:	11/16/1965
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	Yes
Pipe Materials: Other Note	COPPER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Facility ID: 5022289
Federally Regulated: No

Tank Number: R2
Tank Capacity: 10000
Tank Contents: HEATING OIL
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:
Install Date: 11/16/1965
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel Yes
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior No
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Not reported

Release Detection:
Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge No
Tank Release Detection: Tank Tightness No
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory No
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install No
Tank Release Detection: Overfill Install No
Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment No
Tank Release Detection: Int Double Walled No
Tank Release Detection: Other Method No
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak Not reported
Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

Pipe Type: UNKNOWN
Pipe Materials: Bare Steel Yes
Pipe Materials: Galvanized Steel No
Pipe Materials: Copper No
Pipe Materials: Fiberglass No
Pipe Materials: Cath Protect No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	Yes
Pipe Materials: Other Note	COPPER

AIRS:

Name:	NRHA-YOUNG PARK 610
Address:	816 WHITAKER LANE
City,State,Zip:	NORFOLK, VA 23501
Region:	TRO
Registration Number:	60844
Contact First Name:	PAUL
Contact Last Name:	CRAMER
Contact Title:	Not reported
Contact Phone:	7573142002
Latitude:	Not reported
Longitude:	Not reported
Lat Deg/Min/Sec Lon Deg/Min/Sec:	Not reported
Mailing Address:	910 Ballentine Blvd
Mailing City:	Norfolk
Mailing State:	VA
Mailing Zip Code:	23504
Program Type:	Article 5 - SOP
Permit Type:	SIGAMEN-FED
Issued Date:	06/02/2010
Operating Status:	Operating
Contact Email:	pcramer@nrha.us
Owner ID:	5063
Owner Name:	Norfolk Redevelopment and Housing Authority
Owner Tele:	Not reported
Facility Full Name:	NRHA-Young Park 610
ICIS Federal ID:	VA0000005171000127
Currently Active (y/n):	Y
Primary Permit Type Desc:	Significant Amendment to a federally enforceable term/condition of a State Operating Permit
Permit Status:	Issued

AIRS:

Emission Year:	2014
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Nitrogen Oxide
Pollutant Short Name:	NOX
Value (tons/year):	1.665
Emission Year:	2014
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Particulate Matter
Pollutant Short Name:	PM
Value (tons/year):	0.12654
Emission Year:	2014
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Volatile Organic Compounds
Pollutant Short Name:	VOC
Value (tons/year):	0.091575
Emission Year:	2014
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Sulfur Dioxide
Pollutant Short Name:	SO2
Value (tons/year):	0.00999
Emission Year:	2014
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Carbon Monoxide
Pollutant Short Name:	CO
Value (tons/year):	1.3986
Emission Year:	2014
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Lead
Pollutant Short Name:	PB
Value (tons/year):	0
Emission Year:	2014
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Pollutant Name:	Particulate Matter 10
Pollutant Short Name:	PM 10
Value (tons/year):	0.12654
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Nitrogen Oxide
Pollutant Short Name:	NOX
Value (tons/year):	1.5604
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Particulate Matter
Pollutant Short Name:	PM
Value (tons/year):	0.122186
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Volatile Organic Compounds
Pollutant Short Name:	VOC
Value (tons/year):	0.0842868
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Sulfur Dioxide
Pollutant Short Name:	SO2
Value (tons/year):	0.023462
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Carbon Monoxide
Pollutant Short Name:	CO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Value (tons/year):	1.2869
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Lead
Pollutant Short Name:	PB
Value (tons/year):	0
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Particulate Matter 10
Pollutant Short Name:	PM 10
Value (tons/year):	0.11754
Emission Year:	2017
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Nitrogen Oxide
Pollutant Short Name:	NOX
Value (tons/year):	1.5600000000000001
Emission Year:	2017
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Particulate Matter
Pollutant Short Name:	PM
Value (tons/year):	0.11856
Emission Year:	2017
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Volatile Organic Compounds
Pollutant Short Name:	VOC
Value (tons/year):	8.580000000000001E-2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Emission Year: 2017
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Sulfur Dioxide
Pollutant Short Name: SO2
Value (tons/year): 9.3600000000000003E-3

Emission Year: 2017
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Carbon Monoxide
Pollutant Short Name: CO
Value (tons/year): 1.3104

Emission Year: 2017
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Lead
Pollutant Short Name: PB
Value (tons/year): 0

Emission Year: 2017
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Particulate Matter 10
Pollutant Short Name: PM 10
Value (tons/year): 0.11856

Emission Year: 2013
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Nitrogen Oxide
Pollutant Short Name: NOX
Value (tons/year): 1.465

Emission Year: 2013
Latitude: 36.857064

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Particulate Matter
Pollutant Short Name: PM
Value (tons/year): 0.11134

Emission Year: 2013
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Volatile Organic Compounds
Pollutant Short Name: VOC
Value (tons/year): 0.080575

Emission Year: 2013
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Sulfur Dioxide
Pollutant Short Name: SO2
Value (tons/year): 0.00879

Emission Year: 2013
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Carbon Monoxide
Pollutant Short Name: CO
Value (tons/year): 1.2306

Emission Year: 2013
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Lead
Pollutant Short Name: PB
Value (tons/year): 0

Emission Year: 2013
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Particulate Matter 10
Pollutant Short Name: PM 10
Value (tons/year): 0.11134

Emission Year: 2016
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Nitrogen Oxide
Pollutant Short Name: NOX
Value (tons/year): 1.62

Emission Year: 2016
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Particulate Matter
Pollutant Short Name: PM
Value (tons/year): 0.12312

Emission Year: 2016
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Volatile Organic Compounds
Pollutant Short Name: VOC
Value (tons/year): 0.0891

Emission Year: 2016
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710
City/County: Norfolk City
Pollutant Name: Sulfur Dioxide
Pollutant Short Name: SO2
Value (tons/year): 0.00972

Emission Year: 2016
Latitude: 36.857064
Longitude: -76.283751
SIC Primary Code: 6513
SIC Primary Description: OPERATORS OF APART BUILDINGS
FIPS Code: 710

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

City/County:	Norfolk City
Pollutant Name:	Carbon Monoxide
Pollutant Short Name:	CO
Value (tons/year):	1.3608
Emission Year:	2016
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Lead
Pollutant Short Name:	PB
Value (tons/year):	0
Emission Year:	2016
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Particulate Matter 10
Pollutant Short Name:	PM 10
Value (tons/year):	0.12312

35
South
1/4-1/2
0.407 mi.
2147 ft.

ALLSAFE SELF STORAGE
1213 EAST BRAMBLETON AVENUE
NORFOLK, VA 23510

LUST LTANKS S105118282
N/A

Relative:
Lower
Actual:
5 ft.

LUST REG TD:	
Region:	TD
Region Code:	TRO
Facility ID:	200000063887
Facility Status:	Closed
Completed Date:	06/15/1995
Pollution Complaint Num:	19952409
Fed Regulated Tank:	No
Phase Code:	RR
Event Description:	Release Reported
Comments:	PETROLEUM & METALS FOUND IN SOIL & GW DURING ASSESSMENT.
Region:	TD
Region Code:	TRO
Facility ID:	200000063887
Facility Status:	Closed
Completed Date:	06/19/2002
Pollution Complaint Num:	19952409
Fed Regulated Tank:	No
Phase Code:	CLOSURE
Event Description:	Case Closure Date - No Letter Sent
Comments:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLSAFE SELF STORAGE (Continued)

S105118282

LTANKS:

Region: TRO
CEDS Facility Id: 200000063887
Case Status: **Closed**
Pollution Complaint #: 19952409
Reported: 06/15/1995
Case Closed Date: 06/19/2002
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: Y
Other Description: Not reported
Heating Oil Category: Not reported

36
South
1/4-1/2
0.410 mi.
2163 ft.

FAIRBANKS MORSE ENGINE
630 TIDEWATER DR
NORFOLK, VA 23504

LUST S106444565
LTANKS N/A

Relative:
Lower
Actual:
5 ft.

LUST REG TD:

Region: TD
Region Code: TRO
Facility ID: 200000858334
Facility Status: **Closed**
Completed Date: 10/11/2012
Pollution Complaint Num: 20135037
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: Release Reported

Region: TD
Region Code: TRO
Facility ID: 200000858334
Facility Status: **Closed**
Completed Date: 10/22/2012
Pollution Complaint Num: 20135037
Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: Case Closed

Region: TD
Region Code: TRO
Facility ID: 200000215535
Facility Status: **Closed**
Completed Date: 05/20/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRBANKS MORSE ENGINE (Continued)

S106444565

Pollution Complaint Num: 20045179
Fed Regulated Tank: No
Phase Code: RR
Event Description: Release Reported
Comments: Release reported

Region: TD
Region Code: TRO
Facility ID: 200000215535
Facility Status: Closed
Completed Date: 06/25/2004
Pollution Complaint Num: 20045179
Fed Regulated Tank: No
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: Case closed, no further corrective action letter sent

LTANKS:

Region: TRO
CEDS Facility Id: 200000858334
Case Status: Closed
Pollution Complaint #: 20135037
Reported: 10/11/2012
Case Closed Date: 10/22/2012
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): Y
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

Region: TRO
CEDS Facility Id: 200000215535
Case Status: Closed
Pollution Complaint #: 20045179
Reported: 05/20/2004
Case Closed Date: 06/25/2004
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): Y
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRBANKS MORSE ENGINE (Continued)

S106444565

Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Category 3

37
SSE
1/4-1/2
0.411 mi.
2169 ft.

BAYVIEW BUILDING SITE
744 MALTBY AVENUE
NORFOLK, VA 23504

LUST
LTANKS
UST

U003692505
N/A

Relative:
Higher

Actual:
10 ft.

LUST REG TD:

Region: TD
Region Code: TRO
Facility ID: 200000064109
Facility Status: Closed
Completed Date: 11/23/1988
Pollution Complaint Num: 19890572
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: EXCAVATING FOOTINGS, FOUND OLD GAS & HYDRAULIC OIL USTS, ODORS.

Region: TD
Region Code: TRO
Facility ID: 200000064109
Facility Status: Closed
Completed Date: 12/08/1988
Pollution Complaint Num: 19890572
Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: CASE CLOSED.

Region: TD
Region Code: TRO
Facility ID: 200000194473
Facility Status: Closed
Completed Date: 09/16/1999
Pollution Complaint Num: 20005076
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: Release Reported

Region: TD
Region Code: TRO
Facility ID: 200000194473
Facility Status: Closed
Completed Date: 09/24/1999
Pollution Complaint Num: 20005076
Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - No Letter Sent
Comments: Case Closed

LTANKS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYVIEW BUILDING SITE (Continued)

U003692505

Region: TRO
CEDS Facility Id: 200000064109
Case Status: **Closed**
Pollution Complaint #: 19890572
Reported: 11/23/1988
Case Closed Date: 12/08/1988
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

Facility:

Facility Id: 5024934
Facility Type: COMMERCIAL
CEDS Facility ID: 200000064109

Owner:

Owner Id: 34635
Owner Name: JAY MOORE
Owner Address: 744 MALTBY AVENUE
Owner Address2: Not reported
Owner City, State, Zip: NORFOLK, VA 23504
Owner Type: UNKNOWN
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 1

UST:

Facility ID: 5024934
Federally Regulated: Yes

Tank Number: R1
Tank Capacity: Not reported
Tank Contents: GASOLINE
Tank Status: **REM FROM GRD**
Tank Type: UST

Tank Material:

Install Date: Not reported
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYVIEW BUILDING SITE (Continued)

U003692505

Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	Yes
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

38
ESE
1/4-1/2
0.423 mi.
2233 ft.

NORFOLK CITY OF - WHITFIELD PROPERTY
959 MARSHALL AVE
NORFOLK, VA 23504

LTANKS **S122310833**
N/A

Relative: LTANKS:
Higher Region: TRO
Actual: CEDS Facility Id: 200000886378
10 ft. **Case Status:** **Open**
Pollution Complaint #: 20185171
Reported: 02/01/2018
Case Closed Date: Not reported
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): Y
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Category 2

39
NE
1/4-1/2
0.468 mi.
2470 ft.

CITY OF NORFOLK - LIGHT RAIL SANITARY SEWER
ST JULIEN AVE AND BARRAUD AVE
NORFOLK, VA 23504

LUST **S111684524**
LTANKS **N/A**

Relative: LUST REG TD:
Higher Region: TD
Actual: Region Code: TRO
14 ft. Facility ID: 200000856837
Facility Status: **Closed**
Completed Date: 02/09/2012
Pollution Complaint Num: 20125094
Fed Regulated Tank: No
Phase Code: RR
Event Description: Release Reported
Comments: Release Reported

Region: TD
Region Code: TRO
Facility ID: 200000856837
Facility Status: **Closed**
Completed Date: 04/11/2012
Pollution Complaint Num: 20125094
Fed Regulated Tank: No
Phase Code: CLOSURE
Event Description: Case Closure Date - No Letter Sent
Comments: LKM-limited contamination in project

LTANKS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF NORFOLK - LIGHT RAIL SANITARY SEWER (Continued)

S111684524

Region: TRO
CEDS Facility Id: 200000856837
Case Status: **Closed**
Pollution Complaint #: 20125094
Reported: 02/09/2012
Case Closed Date: 04/11/2012
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

40
WSW
1/4-1/2
0.477 mi.
2520 ft.

ROLANDS AUTO REPAIR
42 DOWNTOWN PLAZA
NORFOLK, VA 23505

LUST **U003917043**
LTANKS **N/A**
UST

Relative:
Higher
Actual:
11 ft.

LUST REG TD:
Region: TD
Region Code: TRO
Facility ID: 200000066815
Facility Status: **Closed**
Completed Date: 05/27/2003
Pollution Complaint Num: 20035158
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: Release reported

Region: TD
Region Code: TRO
Facility ID: 200000066815
Facility Status: **Closed**
Completed Date: 10/20/2006
Pollution Complaint Num: 20035158
Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: Case closed

LTANKS:
Region: TRO
CEDS Facility Id: 200000066815
Case Status: **Closed**
Pollution Complaint #: 20035158
Reported: 05/27/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROLANDS AUTO REPAIR (Continued)

U003917043

Case Closed Date: 10/20/2006
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): Y
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

Facility:

Facility Id: 5021071
Facility Type: OTHER
CEDS Facility ID: 200000066815

Owner:

Owner Id: 33159
Owner Name: DOWNTOWN PLAZA ASSOCIATES
Owner Address: P.O. BOX 9627
Owner Address2: Not reported
Owner City, State, Zip: NORFOLK, VA 23505
Owner Type: PRIVATE
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 1

UST:

Facility ID: 5021071
Federally Regulated: Yes

Tank Number: 2
Tank Capacity: 225
Tank Contents: USED OIL
Tank Status: CLS IN GRD
Tank Type: UST

Tank Material:

Install Date: 5/18/1962
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior No
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROLANDS AUTO REPAIR (Continued)

U003917043

Tank Materials: Unknown	Yes
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

41
WSW
1/4-1/2
0.478 mi.
2526 ft.

FIRST BAPTIST CHURCH
418 E BUTE ST
NORFOLK, VA 23510

LUST **S109252817**
LTANKS **N/A**

Relative:
Higher
Actual:
10 ft.

LUST REG TD:
Region: TD
Region Code: TRO
Facility ID: 200000065159
Facility Status: **Closed**
Completed Date: 05/21/1999
Pollution Complaint Num: 19992389
Fed Regulated Tank: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST BAPTIST CHURCH (Continued)

S109252817

Phase Code: RR
Event Description: Release Reported
Comments: H.O. FOUND IN BASEMENT OF CHURCH. POSSIBLY SEEPING THRU FLOOR.

Region: TD
Region Code: TRO
Facility ID: 200000065159
Facility Status: Closed
Completed Date: 12/22/1999
Pollution Complaint Num: 19992389
Fed Regulated Tank: No
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: CASE CLOSED.

LTANKS:

Region: TRO
CEDS Facility Id: 200000065159
Case Status: Closed
Pollution Complaint #: 19992389
Reported: 05/21/1999
Case Closed Date: 12/22/1999
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): Y
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Category 3

42
North
1/4-1/2
0.488 mi.
2576 ft.

RUFFIN ELEANOR PROPERTY
812 FREEMONT ST
NORFOLK, VA 23504

LUST S108106574
LTANKS N/A

Relative:
Higher
Actual:
11 ft.

LUST REG TD:
Region: TD
Region Code: TRO
Facility ID: 200000224403
Facility Status: Closed
Completed Date: 07/12/2006
Pollution Complaint Num: 20075002
Fed Regulated Tank: No
Phase Code: RR
Event Description: Release Reported
Comments: Release reported

Region: TD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUFFIN ELEANOR PROPERTY (Continued)

S108106574

Region Code: TRO
Facility ID: 200000224403
Facility Status: **Closed**
Completed Date: 07/18/2006
Pollution Complaint Num: 20075002
Fed Regulated Tank: No
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: Case closed, no further corrective action letter sent

LTANKS:

Region: TRO
CEDS Facility Id: 200000224403
Case Status: **Closed**
Pollution Complaint #: 20075002
Reported: 07/12/2006
Case Closed Date: 07/18/2006
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): Y
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: NFA

43
ENE
1/4-1/2
0.493 mi.
2601 ft.

GLOBE IRON CONSTRUCTION COMPANY
1401 MALTBY AVE
NORFOLK, VA 23504

LUST **S109848433**
LTANKS **N/A**
AIRS

Relative:
Higher
Actual:
12 ft.

LUST REG TD:

Region: TD
Region Code: TRO
Facility ID: 200000087476
Facility Status: **Closed**
Completed Date: 03/09/1990
Pollution Complaint Num: 19901224
Fed Regulated Tank: Yes
Phase Code: RR
Event Description: Release Reported
Comments: HIGH SOIL TPH FOUND DURING UST REMOVAL.

Region: TD
Region Code: TRO
Facility ID: 200000087476
Facility Status: **Closed**
Completed Date: 08/17/1994
Pollution Complaint Num: 19901224

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLOBE IRON CONSTRUCTION COMPANY (Continued)

S109848433

Fed Regulated Tank: Yes
Phase Code: CLOSURE
Event Description: Case Closure Date - Letter Sent
Comments: CASE CLOSED (DEB).

LTANKS:

Region: TRO
CEDS Facility Id: 200000087476
Case Status: **Closed**
Pollution Complaint #: 19901224
Reported: 03/09/1990
Case Closed Date: 08/17/1994
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

AIRS:

Name: GLOBE IRON CONSTRUCTION COMPANY
Address: 1401 MALTBY AVE
City,State,Zip: NORFOLK, VA 23504
Region: TRO
Registration Number: 61144
Contact First Name: KEVIN
Contact Last Name: SULLIVAN
Contact Title: Not reported
Contact Phone: 7576252542
Latitude: Not reported
Longitude: Not reported
Lat Deg/Min/Sec Lon Deg/Min/Sec: Not reported
Mailing Address: 1401 Maltby Ave
Mailing City: Norfolk
Mailing State: VA
Mailing Zip Code: 23504
Program Type: Article 5 - SOP
Permit Type: SIGAMEN-FED
Issued Date: 03/10/2009
Operating Status: Permanently Shutdown
Contact Email: personnel@globe-iron.com
Owner ID: 2835
Owner Name: Globe Iron Construction Company
Owner Tele: 7576252542
Facility Full Name: Globe Iron Construction Company
ICIS Federal ID: VA0000005171000231
Currently Active (y/n): N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLOBE IRON CONSTRUCTION COMPANY (Continued)

S109848433

Primary Permit Type Desc: Significant Amendment to a federally enforceable term/condition of a
State Operating Permit
Permit Status: Superseded

Name: GLOBE IRON CONSTRUCTION COMPANY
Address: 1401 MALTBY AVE
City,State,Zip: NORFOLK, VA 23504
Region: TRO
Registration Number: 61144
Contact First Name: KEVIN
Contact Last Name: SULLIVAN
Contact Title: Not reported
Contact Phone: 7576252542
Latitude: Not reported
Longitude: Not reported
Lat Deg/Min/Sec Lon Deg/Min/Sec: Not reported
Mailing Address: 1401 Maltby Ave
Mailing City: Norfolk
Mailing State: VA
Mailing Zip Code: 23504
Program Type: Article 5 - SOP
Permit Type: SIGAMEN-FED
Issued Date: 05/17/2010
Operating Status: Permanently Shutdown
Contact Email: personnel@globe-iron.com
Owner ID: 2835
Owner Name: Globe Iron Construction Company
Owner Tele: 7576252542
Facility Full Name: Globe Iron Construction Company
ICIS Federal ID: VA0000005171000231
Currently Active (y/n): N
Primary Permit Type Desc: Significant Amendment to a federally enforceable term/condition of a
State Operating Permit
Permit Status: Rescinded

44
South
1/4-1/2
0.498 mi.
2627 ft.

FENSKA PROPERTY - PETROCHEM
635 MALTBY AVENUE
NORFOLK, VA 23504

LTANKS **S105944913**
SPILLS **N/A**

Relative:
Lower
Actual:
6 ft.

LTANKS:
Region: TRO
CEDS Facility Id: 200000066545
Case Status: **Closed**
Pollution Complaint #: 20145079
Reported: 11/18/2013
Case Closed Date: 11/25/2013
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FENSKA PROPERTY - PETROCHEM (Continued)

S105944913

Unregulated AST (3):	N
Other Y/N:	N
Unknown Y/N:	Y
Other Description:	petroleum
Heating Oil Category:	Not reported

SPILLS TD:

Region:	TD
PC Number:	96-1816
Incident Response:	Not reported
Incident Date:	Not reported
Time In:	Not reported
Facility Permitted:	Not reported
Facility Contact:	Not reported
Facility Phone:	Not reported
Resp Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	Not reported
Resp Party Phone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Incident Date:	Not reported
Incident Time:	Not reported
Petroleum:	Not reported
Solid Waste:	Not reported
Haz Waste:	Not reported
Water:	Not reported
Air:	Not reported
Sewage:	Not reported
Fish Killed:	Not reported
Medical Waste:	Not reported
Wetland:	Not reported
Terrorism:	Not reported
Material Released:	Not reported
Possible Receptors:	Not reported
Qty Released:	Not reported
Unit:	Not reported
Qty In Water:	Not reported
Receiving Waters:	Not reported
River Basin:	Not reported
Topo Map Id:	Not reported
Inspection Dt:	Not reported
Call Date:	Not reported
Inspector:	Not reported
Response Due:	Not reported
Response Receive:	Not reported
Date Closed:	Not reported
Dt Ref Air C/m:	Not reported
Air Reg Permit #:	Not reported
Date Ref Waste C/M:	Not reported
Epa Ir/permit #:	Not reported
Date Ref Water C/m:	Not reported
Water Permit #:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FENSKA PROPERTY - PETROCHEM (Continued)

S105944913

Date Ref Remediation: Not reported
Remediation PC #: Not reported
Date Ref Enforcement: Not reported
NOV Number: Not reported
Date Received: 8/30/1995
Source: Not reported
Summary: Not reported
Comments: Not reported
Report Notes: VALVE FAILURE.
Reported By Company: Not reported
Reported By Address: Not reported
Reported By Street: Not reported
Reported By City,St,Zip: Not reported
Reported By Phone: Not reported
Report By Name: Not reported
PI Date: 8/30/1995
Incident Time: 12:30
Incident Type: PETROLEUM
Stream: Not reported
Spill Volume: 25
Spill Unit: Not reported
Volume To State Water: Not reported

45
WNW
1/2-1
0.623 mi.
3290 ft.

NORFOLK TOWN GAS
MONTICELLO AND VA BEACH RD
NORFOLK, VA 23504

EDR MGP 1008408679
N/A

Relative:
Lower
Actual:
6 ft.

Manufactured Gas Plants:

Alternate Name: CITY GAS OF NORFOLK; VIRGINIA ELECTRIC AND POWER CO; NORFOLK GAS PLANT. Former coal gas plant site-new sewer line. Corrective Actions began 8/91. Active Site. Virginia Power also an RP (Mike Kadlubowski, Water Qual. Dept, VA Power, 5000 Dominion Blvd, Glen Allen, VA 23060 (804/273-2991). Princess Anne & Virginia Beach Blvd.

Count: 10 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NORFOLK	S110649420	PROMENADE POINT	6115, 6201 & 6217 TIDEWATER DR	23509	INST CONTROL, VCP
NORFOLK	S107632278	CENTURY BREWERY (FORMER)	708,710, AND 732 WASHINGTON AV	23504	ENG CONTROLS, INST CONTROL, V
NORFOLK	U003966638	FIRST AMERICAN BANK	CHARLOTTE AND BOUSCH STS	23510	LUST, UST
NORFOLK	S109122153	ESSO - BANK STREET AND CHARLOTTE S	NW CORNER BANK ST AND E CHARLO	23510	LUST, LTANKS
NORFOLK	S108992351	RESIDENCE INN - FUTURE	SE CORNER W BRAMBLETON AVE AND	23510	LUST, LTANKS
NORFOLK	S109599440	HAMPTON ROADS TRANSIT AUTHORITY-AB	SW OF BRAMBLETON AVE AT SMITH	23510	LTANKS
NORFOLK	S109526241	HAMPTON ROADS TRANSIT AUTHORITY-NL	SW OF BRAMBLETON AVE AT SMITH	23510	LUST, LTANKS
NORFOLK	1003866913	F & C CAROLINA	SOUTH OF & ADJACENT TO 2628 TI	23501	SEMS-ARCHIVE
NORFOLK	S103820120	NORFOLK GAS PLANT	PRINCESS ANNE AND VIRGINIA BEA		VCP
NORFOLK	S111684523	HRSD SOUTH TRUNK SEWER CORRIDOR	ROAD ROWS -ARMISTEAD BRIDGE RD	23517	LUST, LTANKS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 800-424-9346
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/22/2019	Source: Department of the Navy
Date Data Arrived at EDR: 03/07/2019	Telephone: 843-820-7326
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 05/10/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/25/2019

Date Data Arrived at EDR: 03/26/2019

Date Made Active in Reports: 05/01/2019

Number of Days to Update: 36

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: Department of Environmental Quality

Telephone: 804-698-4236

Last EDR Contact: 06/17/2019

Next Scheduled EDR Contact: 09/30/2019

Data Release Frequency: N/A

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Management Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/04/2019

Date Data Arrived at EDR: 03/05/2019

Date Made Active in Reports: 04/10/2019

Number of Days to Update: 36

Source: Department of Environmental Quality

Telephone: 804-698-4238

Last EDR Contact: 06/03/2019

Next Scheduled EDR Contact: 09/16/2019

Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST REG SW: Leaking Underground Storage Tank Database

Leaking underground storage tank site locations. Includes: counties of Bland, Buchanan, Carroll, Dickenson, Grayson, Lee, Russell, Scott, Smyth, Tazewell, Washington, Wise, Wythe; cities of Bristol, Galax, Norton.

Date of Government Version: 07/15/2013

Date Data Arrived at EDR: 07/18/2013

Date Made Active in Reports: 09/16/2013

Number of Days to Update: 60

Source: Department of Environmental Quality Southwest Regional Office

Telephone: 276-676-4800

Last EDR Contact: 10/11/2016

Next Scheduled EDR Contact: 01/23/2017

Data Release Frequency: No Update Planned

LUST REG TD: Leaking Underground Storage Tank Sites

Leaking underground storage tank site locations. Includes: counties of Accomack, Isle of Wight, James City, Northampton, Southampton, York; cities of Chesapeake, Franklin, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, Williamsburg.

Date of Government Version: 06/30/2013

Date Data Arrived at EDR: 07/05/2013

Date Made Active in Reports: 09/16/2013

Number of Days to Update: 73

Source: Department of Environmental Quality Tidewater Regional Office

Telephone: trofoia@deq.vir

Last EDR Contact: 09/26/2016

Next Scheduled EDR Contact: 01/09/2017

Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG VA: Leaking Underground Storage Tank List

Leaking underground storage tank site locations. Includes: counties of Albemarle, Augusta, Bath, Clarke, Fluvanna, Frederick, Greene, Highland, Nelson, Page, Rockbridge, Rockingham, Shenandoah, Warren; cities of Buena Vista, Charlottesville, Harrisonburg, Lexington, Staunton, Waynesboro, Winchester.

Date of Government Version: 12/06/2011	Source: Department of Environmental Quality Valley Regional Office
Date Data Arrived at EDR: 12/08/2011	Telephone: 540-574-7800
Date Made Active in Reports: 01/16/2012	Last EDR Contact: 08/29/2016
Number of Days to Update: 39	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: No Update Planned

LUST REG WC: Leaking Underground Storage Tank List

Leaking underground storage tank site locations. Includes: counties of Alleghany, Bedford, Botetourt, Craig, Floyd, Franklin, Giles, Henry, Montgomery, Patrick, Pulaski, Roanoke; cities of Bedford, Clifton Forge, Covington, Martinsville, Radford, Roanoke, Salem.

Date of Government Version: 06/04/2015	Source: Department of Environmental Quality West Central Regional Office
Date Data Arrived at EDR: 06/05/2015	Telephone: 540-562-6700
Date Made Active in Reports: 07/07/2015	Last EDR Contact: 08/29/2016
Number of Days to Update: 32	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: No Update Planned

LUST REG PD: Leaking Underground Storage Tank Sites

Leaking underground storage tank site locations. Includes: counties of Amelia, Brunswick, Charles City, Chesterfield, Dinwiddie, Essex, Gloucester, Goochland, Greenville, Hanover, Henrico, King and Queen, King William, Lancaster, Mathews, Middlesex, New Kent, Northumberland, Powhatan, Prince George, Richmond, Surry, Sussex, Westmoreland; cities of Colonial Heights, Emporia, Hopewell, Petersburg.

Date of Government Version: 12/02/2014	Source: Department of Environmental Quality Piedmont Regional Office
Date Data Arrived at EDR: 12/04/2014	Telephone: 804-527-5020
Date Made Active in Reports: 01/16/2015	Last EDR Contact: 08/29/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Quarterly

LUST REG SC: Leaking Underground Storage Tanks

Leaking underground storage tank site locations. Includes: counties of Amherst, Appomattox, Buckingham, Campbell, Charlotte, Cumberland, Halifax, Lunenburg, Mecklenburg, Nottoway, Pittsylvania, Prince Edward; cities of Danville, Lynchburg.

Date of Government Version: 09/06/2013	Source: Department of Environmental Quality, South Central Region
Date Data Arrived at EDR: 09/06/2013	Telephone: 434-582-5120
Date Made Active in Reports: 09/17/2013	Last EDR Contact: 08/29/2016
Number of Days to Update: 11	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Semi-Annually

LUST REG NO: Leaking Underground Storage Tank Tracking Database

Leaking underground storage tank site locations. Includes: counties of Arlington, Caroline, Culpeper, Fairfax, Fauquier, King George, Loudoun, Louisa, Madison, Orange, Prince William, Rappahannock, Spotsylvania, Stafford; cities of Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, Manassas Park.

Date of Government Version: 05/18/2004	Source: Department of Environmental Quality Northern Regional Office
Date Data Arrived at EDR: 05/22/2004	Telephone: 703-583-3800
Date Made Active in Reports: 07/09/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-6597
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

LTANKS: Leaking Petroleum Storage Tanks
Includes releases of petroleum from underground storage tanks and aboveground storage tanks.

Date of Government Version: 02/05/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/28/2019	Telephone: 804-698-4010
Date Made Active in Reports: 04/08/2019	Last EDR Contact: 05/30/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 04/25/2019
Number of Days to Update: 136	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Varies

UST: Registered Petroleum Storage Tanks
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/04/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/27/2019	Telephone: 804-698-4010
Date Made Active in Reports: 04/05/2019	Last EDR Contact: 05/30/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Quarterly

AST: Registered Petroleum Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 02/04/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/27/2019	Telephone: 804-698-4010
Date Made Active in Reports: 04/05/2019	Last EDR Contact: 05/30/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018	Source: EPA Region 10
Date Data Arrived at EDR: 03/07/2019	Telephone: 206-553-2857
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 03/08/2019	Telephone: 415-972-3368
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6137
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-7591
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-6136
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-9424
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Sites Listing

A listing of sites with Engineering Controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 04/09/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/11/2019	Telephone: 804-698-4228
Date Made Active in Reports: 06/26/2019	Last EDR Contact: 07/08/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

INST CONTROL: Voluntary Remediation Program Database

Sites included in the Voluntary Remediation Program database that have deed restrictions.

Date of Government Version: 04/09/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/11/2019	Telephone: 804-698-4228
Date Made Active in Reports: 06/26/2019	Last EDR Contact: 07/08/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VRP: Voluntary Remediation Program

The Voluntary Cleanup Program encourages owners of elected contaminated sites to take the initiative and conduct voluntary cleanups that meet state environmental standards.

Date of Government Version: 04/09/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/11/2019	Telephone: 804-698-4228
Date Made Active in Reports: 06/26/2019	Last EDR Contact: 07/08/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/20/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site Specific Assessments

To qualify for Brownfields Assessment, the site must meet the Federal definition of a Brownfields and should have contaminant issues that need to be addressed and a redevelopment plan supported by the local government and community. Virginia's Department of Environmental Quality performs brownfields assessments under a cooperative agreement with the U.S. Environmental Protection Agency at no cost to communities, property owners or, prospective purchasers. The assessment is an evaluation of environmental impacts caused by previous site uses similar to a Phase II Environmental Assessment.

Date of Government Version: 04/23/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 06/25/2019
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 804-698-4207
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Quarterly

PFAS: Per- and Polyfluoroalkyl Substances

PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 804-698-4336
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/25/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/26/2019	Telephone: 202-366-4555
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

SPILLS BRL: Prep/Spills Database Listing

A listing of spills locations located in the Blue Ridge Regional area, Lynchburg.

Date of Government Version: 09/18/2009	Source: DEQ, Blue Ridge Regional Office
Date Data Arrived at EDR: 09/18/2009	Telephone: 434-582-6218
Date Made Active in Reports: 10/06/2009	Last EDR Contact: 11/28/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Varies

SPILLS: Prep/Spills Database Listing

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment. PREP staff often work to assist local emergency responders, other state agencies, federal agencies, and responsible parties, as may be needed, to manage pollution incidents. Oil spills, fish kills, and hazardous materials spills are examples of incidents that may involve the DEQ's PREP Program.

Date of Government Version: 02/04/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/27/2019	Telephone: 804-698-4287
Date Made Active in Reports: 04/08/2019	Last EDR Contact: 05/30/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Quarterly

SPILLS PC: Pollution Complaint Database

Pollution Complaints Database. The pollution reports contained in the PC database include the initial release reporting of Leaking Underground Storage Tanks and all other releases of petroleum to the environment as well as releases to state waters. The database is current through 12/1/93. Since that time, all spill and pollution reporting information has been collected and tracked through the DEQ regional offices.

Date of Government Version: 06/01/1996	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/22/1996	Telephone: 804-698-4287
Date Made Active in Reports: 11/21/1996	Last EDR Contact: 03/08/2010
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/21/2010
	Data Release Frequency: No Update Planned

SPILLS NO: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 09/23/2009	Source: Department of Environmental Quality, Northern Region
Date Data Arrived at EDR: 09/29/2009	Telephone: 703-583-3864
Date Made Active in Reports: 10/30/2009	Last EDR Contact: 09/06/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

SPILLS PD: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/20/2009
Date Data Arrived at EDR: 10/29/2009
Date Made Active in Reports: 12/03/2009
Number of Days to Update: 35

Source: Department of Environmental Quality, Piedmont Region
Telephone: 804-527-5020
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

SPILLS SW: Reportable Spills

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 01/21/2010
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/16/2010
Number of Days to Update: 25

Source: Department of Environmental Quality, Southwest Region
Telephone: 276-676-4839
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: No Update Planned

SPILLS TD: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 09/17/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 13

Source: Department of Environmental Quality, Tidewater Region
Telephone: trofoia@deq.vir
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: Quarterly

SPILLS VA: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 08/08/2012
Date Data Arrived at EDR: 08/09/2012
Date Made Active in Reports: 10/05/2012
Number of Days to Update: 57

Source: Department of Environmental Quality, Valley Regional Office
Telephone: 540-574-7800
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Quarterly

SPILLS WC: Prep Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 09/21/2009
Date Data Arrived at EDR: 09/29/2009
Date Made Active in Reports: 10/30/2009
Number of Days to Update: 31

Source: Department of Environmental Quality, West Central Region
Telephone: 540-562-6700
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 09/01/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 43

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 03/07/2019	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 04/03/2019	Telephone: 202-528-4285
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 05/21/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/09/2019
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/12/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 05/13/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/18/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2019	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 04/23/2019	Telephone: Varies
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/08/2019
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015	Source: EPA/NTIS
Date Data Arrived at EDR: 02/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 09/28/2017	Last EDR Contact: 06/26/2019
Number of Days to Update: 218	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 04/11/2019
Number of Days to Update: 546	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 05/02/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 05/24/2019
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/18/2019	Telephone: 703-603-8787
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019	Source: Department of Interior
Date Data Arrived at EDR: 03/28/2019	Telephone: 202-208-2609
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 06/19/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/15/2019	Source: EPA
Date Data Arrived at EDR: 03/05/2019	Telephone: (215) 814-5000
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 06/05/2019
Number of Days to Update: 10	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 05/24/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/09/2019	Telephone: 202-564-2280
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/09/2019
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/15/2019
Number of Days to Update: 74	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/21/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 39

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

AIRS: Permitted Airs Facility List

A listing of permitted Airs facilities.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 06/19/2019
Number of Days to Update: 82

Source: Department of Environmental Quality
Telephone: 804-698-4000
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Annually

CEDS: Comprehensive Environmental Data System

Virginia Water Protection Permits, Virginia Pollution Discharge System (point discharge) permits and Virginia Pollution Abatement (no point discharge) permits.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/08/2019
Number of Days to Update: 34

Source: Department of Environmental Quality
Telephone: 804-698-4077
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Sites

A listing of facilities with coal ash impoundments.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/30/2019
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 804-698-4285
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 11/01/2018
Date Made Active in Reports: 12/26/2018
Number of Days to Update: 55

Source: Department of Environmental Quality
Telephone: 804-698-4407
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Actions Data

A listing of enforcement actions.

Date of Government Version: 02/04/2019
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 04/08/2019
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 804-698-4031
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 01/30/2019
Date Data Arrived at EDR: 01/31/2019
Date Made Active in Reports: 02/22/2019
Number of Days to Update: 22

Source: Department of Environmental Quality
Telephone: 804-698-4205
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 2: Financial Assurance Information listing
Solid waste financial assurance information.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 04/08/2019
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 804-698-4123
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 01/20/2017
Date Made Active in Reports: 02/14/2017
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 804-698-4159
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Annually

UIC: Underground Injection Control Wells

A listing of underground injection controls wells.

Date of Government Version: 04/30/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/28/2019
Number of Days to Update: 58

Source: Department of Mines, Minerals and Energy
Telephone: 276-415-9700
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Virginia.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/20/2014
Number of Days to Update: 203

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Virginia and at the Regional VA Levels.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 804-692-1900

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FORMER RED CARPET INN
930 EAST VIRGINIA BEACH BOULEVARD
NORFOLK, VA 23504

TARGET PROPERTY COORDINATES

Latitude (North):	36.855462 - 36° 51' 19.66"
Longitude (West):	76.27504 - 76° 16' 30.14"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	386332.2
UTM Y (Meters):	4079394.2
Elevation:	7 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5950979 NORFOLK SOUTH, VA
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

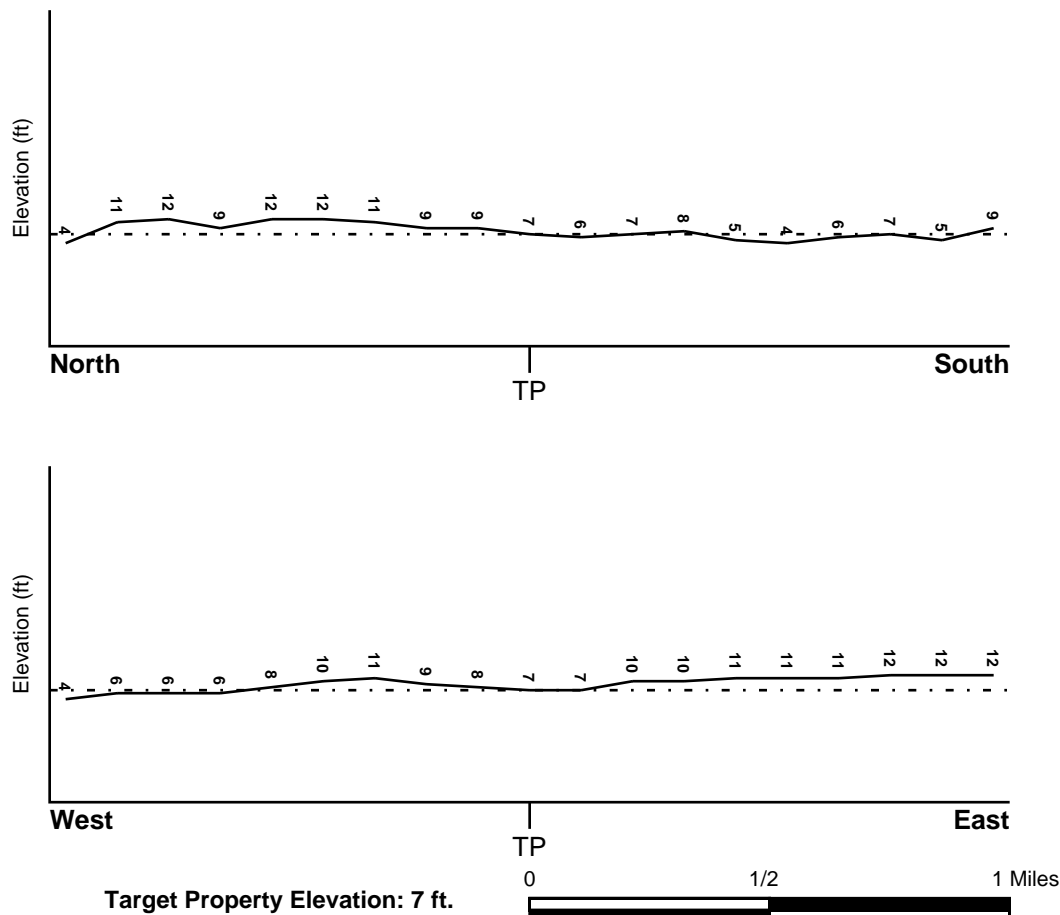
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
5101040135F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
5101040130G	FEMA FIRM Flood data
5101040160F	FEMA FIRM Flood data
5101040165F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NORFOLK SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

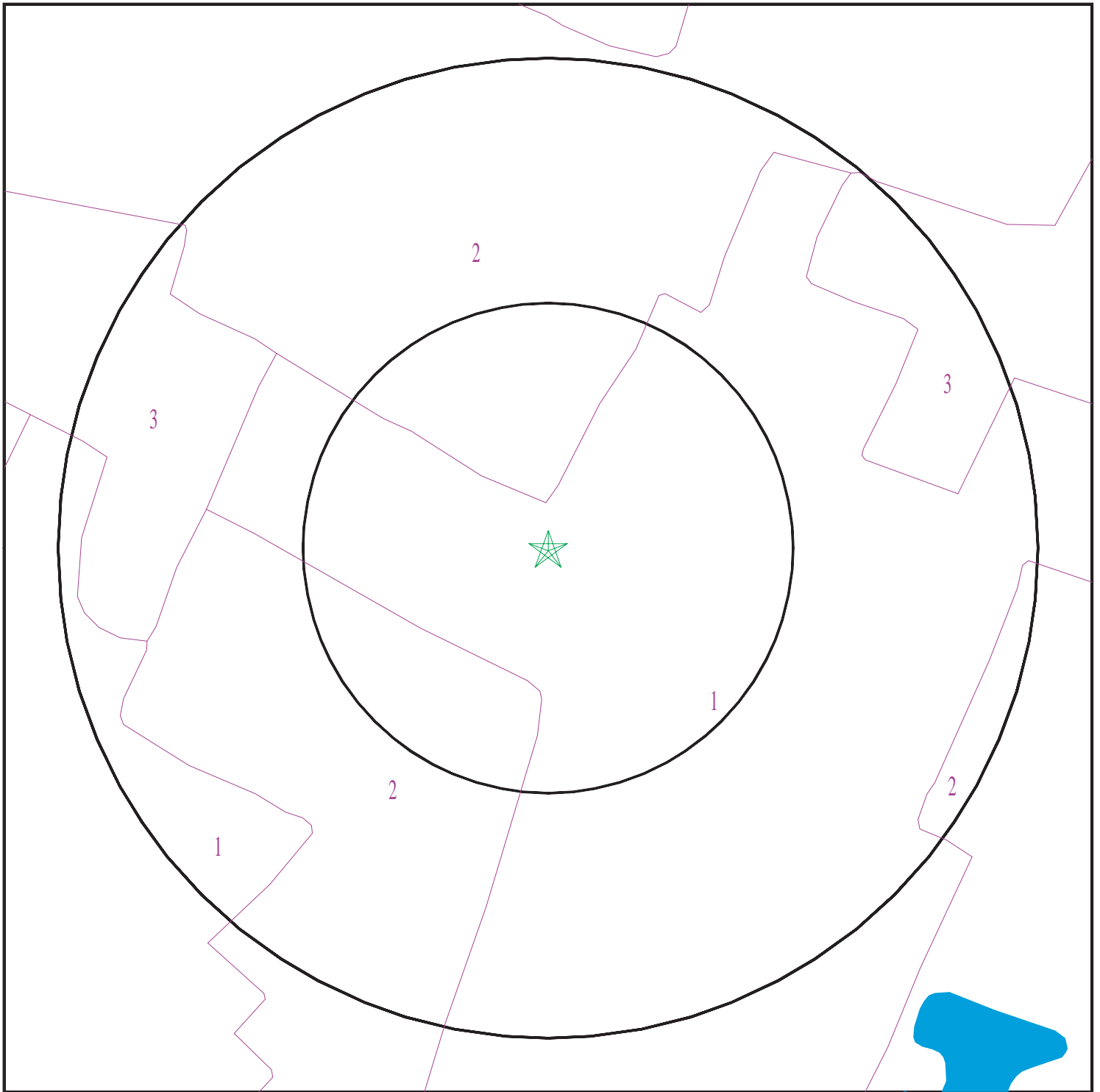
Era:	Cenozoic
System:	Quaternary
Series:	Pleistocene
Code:	Qp (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5712432.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Former Red Carpet Inn
ADDRESS: 930 East Virginia Beach Boulevard
Norfolk VA 23504
LAT/LONG: 36.855462 / 76.27504

CLIENT: SCS Engineers
CONTACT: Alexis Holcomb
INQUIRY #: 5712432.2s
DATE: July 10, 2019 5:38 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture: material

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 150 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	78 inches	material	Not reported	Not reported	Max: 0 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: Tomotley

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 1.4	Max: 6 Min: 3.6
2	7 inches	50 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 1.4	Max: 6 Min: 3.6
3	50 inches	68 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 1.4	Max: 6 Min: 3.6

Soil Map ID: 3

Soil Component Name: Udorthents

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40001201609	1/8 - 1/4 Mile ESE
2	USGS40001201607	1/4 - 1/2 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 5712432.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Former Red Carpet Inn
 ADDRESS: 930 East Virginia Beach Boulevard
 Norfolk VA 23504
 LAT/LONG: 36.855462 / 76.27504

CLIENT: SCS Engineers
 CONTACT: Alexis Holcomb
 INQUIRY #: 5712432.2s
 DATE: July 10, 2019 5:38 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1

ESE

1/8 - 1/4 Mile

Higher

FED USGS

USGS40001201609

Organization ID: USGS-VA
Monitor Location: 60C 14
Description: Not Reported
Drainage Area: Not Reported
Contrib Drainage Area: Not Reported
Aquifer: Not Reported
Aquifer Type: Not Reported
Well Depth: 830
Well Hole Depth: Not Reported

Organization Name: USGS Virginia Water Science Center
Type: Well
HUC: 02080208
Drainage Area Units: Not Reported
Contrib Drainage Area Units: Not Reported
Formation Type: Not Reported
Construction Date: Not Reported
Well Depth Units: ft
Well Hole Depth Units: Not Reported

Ground water levels, Number of Measurements: 1
Feet below surface: 14.17
Note: Not Reported

Level reading date: 1971-12-08
Feet to sea level: Not Reported

2

ESE

1/4 - 1/2 Mile

Higher

FED USGS

USGS40001201607

Organization ID: USGS-VA
Monitor Location: 60C 11
Description: Not Reported
Drainage Area: Not Reported
Contrib Drainage Area: Not Reported
Aquifer: Not Reported
Aquifer Type: Not Reported
Well Depth: 108
Well Hole Depth: 108

Organization Name: USGS Virginia Water Science Center
Type: Well
HUC: 02080208
Drainage Area Units: Not Reported
Contrib Drainage Area Units: Not Reported
Formation Type: Not Reported
Construction Date: Not Reported
Well Depth Units: ft
Well Hole Depth Units: ft

Ground water levels, Number of Measurements: 1
Feet below surface: 18.00
Note: Not Reported

Level reading date: 1971-07-23
Feet to sea level: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 23504

Number of sites tested: 7.

Maximum Radon Level: 1.0 pCi/L.

Minimum Radon Level: 0.0 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
7 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Federal EPA Radon Zone for NORFOLK CITY County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Virginia Public Water Supplies

Source: Department of Health, Office of Water Programs

Telephone: 804-786-1756

OTHER STATE DATABASE INFORMATION

Virginia Oil and Gas Wells

Source: Department of Mines, Minerals and Energy

Telephone: 804-692-3200

A listing of oil and gas well locations.

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix D

Historical Site Use Information

Print Date 6/19/2019
Property Address 930 E Virginia Beach Blvd
Account Number 00809782
GPIN 1437388630



Property Detail

Parent Account 23905000
Owner Name City Of Norfolk
Neighborhood 200490
Property Use Non-Taxable
Plate 0702
Mailing Address 810 Union St Rm 900
Norfolk VA 23510-2717

Parcel Approximate Area 198,133
(Sq Ft)
Parcel Approximate 4.5485
Acreage
House Plate Number 16
Legal Description Parcel A-1, 4.5485 Ac



Print Date 6/19/2019
Property Address 930 E Virginia Beach Blvd
Account Number 00809782
GPIN 1437388630



Sales/Assessments

<u>Owner</u>	<u>Transfer Date</u>	<u>Sales Price</u>	<u>Type</u>	<u>Deed Reference</u>
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA

<u>Effective Date</u>	<u>Land Value</u>	<u>Improvement Value</u>	<u>Total Value</u>
	\$0.00	\$0.00	\$0.00
07/01/2018	\$1,188,800	\$	\$1,188,800
07/01/2017	\$1,188,800	\$	\$1,188,800
07/01/2016	\$1,188,800	\$	\$1,188,800
07/01/2015	\$1,188,800	\$	\$1,188,800

Print Date 6/19/2019
Property Address 930 E Virginia Beach Blvd
Account Number 00809782
GPIN 1437388630



Building Description

Year Built

Construction Quality No Info

Number of Floors

Total Building Area (Sq Ft.) 0.00

HVAC

Framing

Framing Class

Sprinkler

Paving No

Paving (Sq Ft.)

Print Date 6/19/2019

Property Address 930 E Virginia Beach Blvd

Account Number 00809782

GPIN 1437388630



Zoning

Historic District Name NA

Historic District Type NA

Character District Traditional

Chesapeake Bay Resource Protection Area No

Chesapeake Bay Intensely Developed Area No

<u>Zoning</u>	<u>Overlay Districts</u>	<u>Conditional Zones</u>	<u>Special Exceptions</u>
C-C	Coastal Resilience Overlay		

Print Date 6/19/2019
Property Address 930 E Virginia Beach Blvd
Account Number 00809782
GPIN 1437388630



Flood Zones

Flood Panel 5101040057H

Flood Quad 36076-G3

Flood Zone **Base Elevation**

AE (High Risk) 8

X (Low to Moderate)

X (Shaded)

Print Date 6/19/2019
Property Address 930 E Virginia Beach Blvd
Account Number 00809782
GPIN 1437388630



Building Permits

*only up to the 20 most recent permits are provided

ACTIVE PERMITS

<u>Permit Number</u>	<u>Date</u>
----------------------	-------------

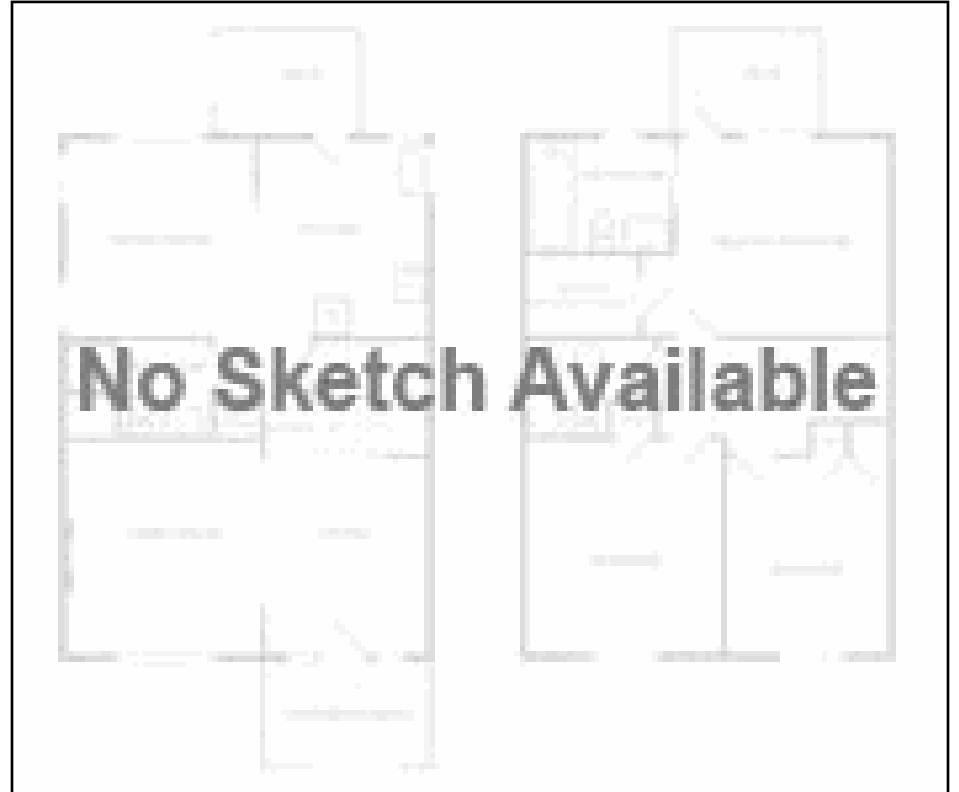
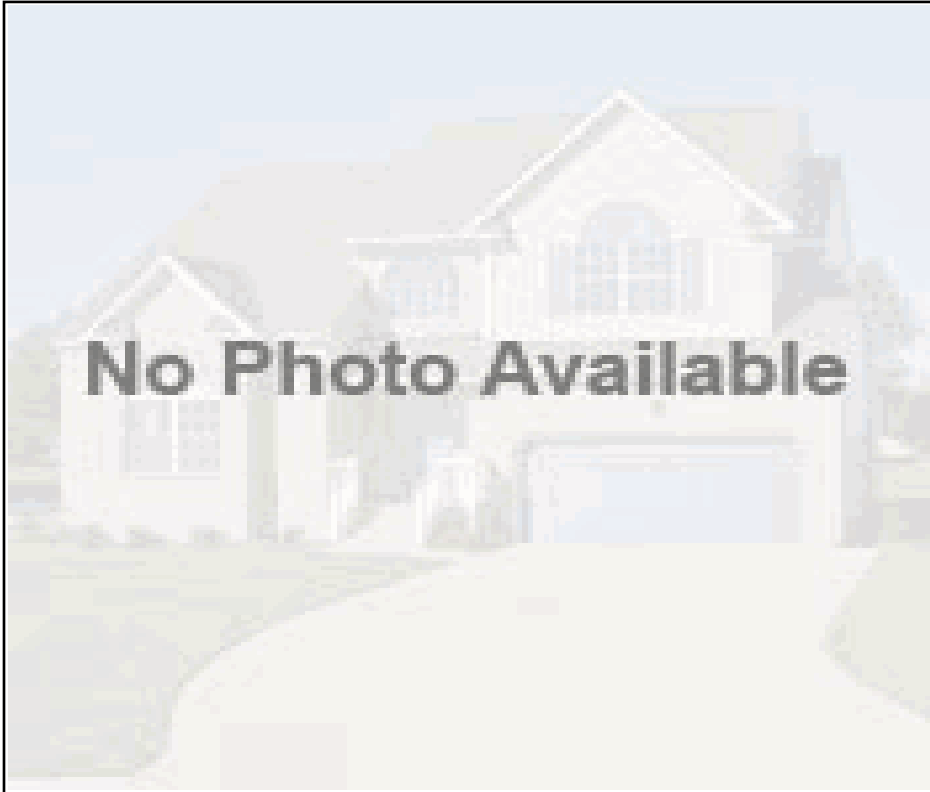
HISTORIC PERMITS


<u>Permit Number</u>	<u>Date</u>
----------------------	-------------

Print Date 6/19/2019
Property Address 930 E Virginia Beach Blvd
Account Number 00809782
GPIN 1437388630



Photo/Sketch





Former Red Carpet Inn
930 East Virginia Beach Boulevard
Norfolk, VA 23504

Inquiry Number: 5712432.3

July 10, 2019

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

07/10/19

Site Name:

Former Red Carpet Inn
930 East Virginia Beach Boulevard
Norfolk, VA 23504
EDR Inquiry # 5712432.3

Client Name:

SCS Engineers
11260 Roger Bacon Drive
Reston, VA 20190
Contact: Alexis Holcomb



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by SCS Engineers were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 15C9-45B2-B6F1
PO # 02-RE03535-57
Project 02218113.06 Former Inn

Maps Provided:

1970
1950
1928
1910
1898



Sanborn® Library search results

Certification #: 15C9-45B2-B6F1

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



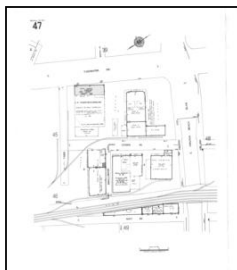
1970 Source Sheets



Volume 1, Sheet 39
1970



Volume 1, Sheet 42
1970



Volume 1, Sheet 47
1970



Volume 1, Sheet 48
1970

1950 Source Sheets



Volume 1, Sheet 42
1950



Volume 1, Sheet 44
1950



Volume 1, Sheet 47
1950



Volume 1, Sheet 48
1950

1928 Source Sheets



Volume 1, Sheet 42
1928



Volume 1, Sheet 47
1928



Volume 1, Sheet 48
1928

1910 Source Sheets



Volume 2, Sheet 147
1910



Volume 2, Sheet 149
1910



Volume 2, Sheet 150
1910

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1898 Source Sheets



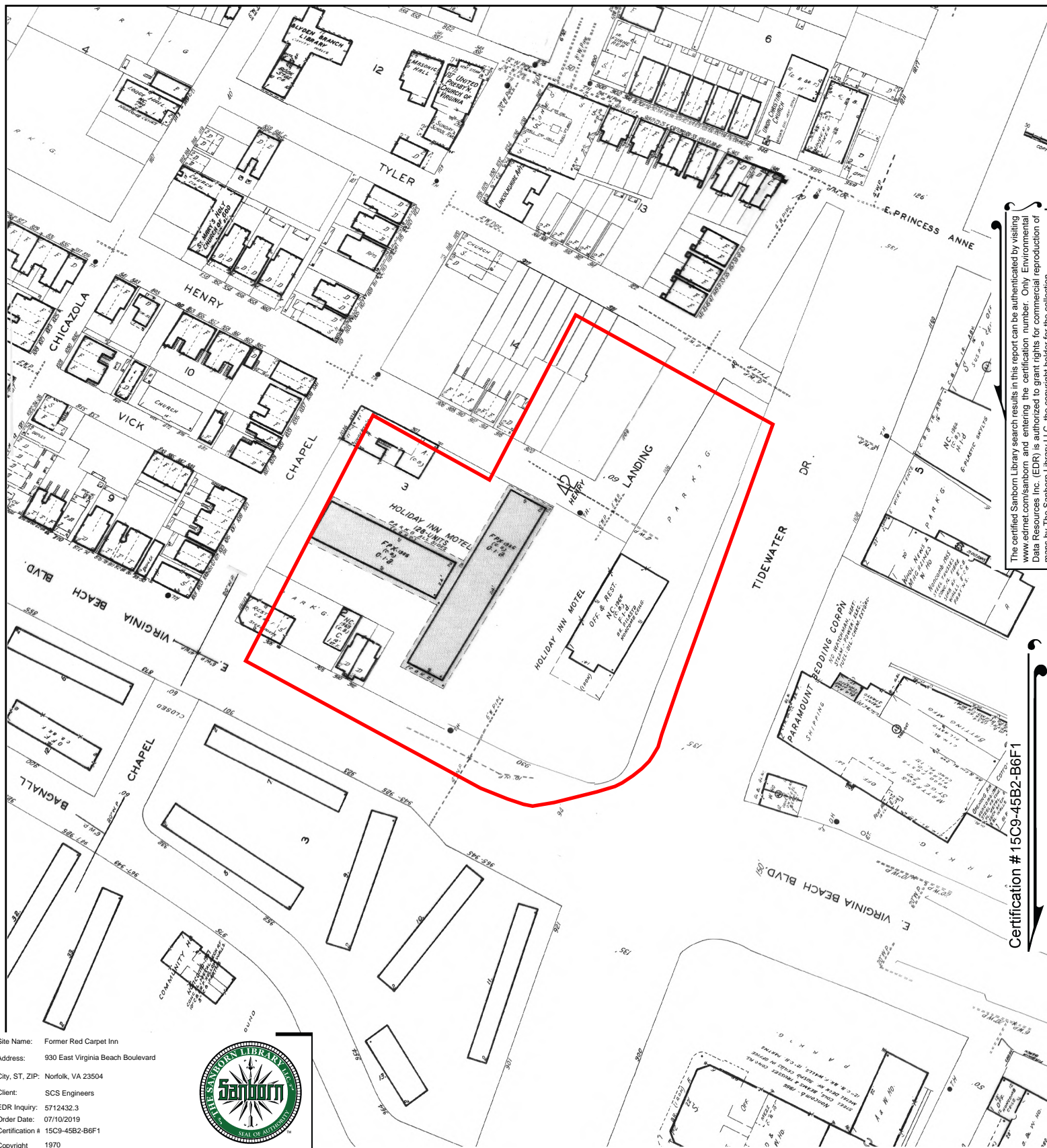
Volume 1, Sheet 30
1898



Volume 1, Sheet 32
1898



Volume 1, Sheet 33
1898



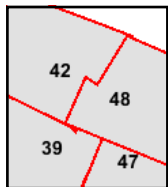
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Certification # 15C9-45B2-B6F1

Site Name: Former Red Carpet Inn
Address: 930 East Virginia Beach Boulevard
City, ST, ZIP: Norfolk, VA 23504
Client: SCS Engineers
EDR Inquiry: 5712432.3
Order Date: 07/10/2019
Certification # 15C9-45B2-B6F1
Copyright 1970



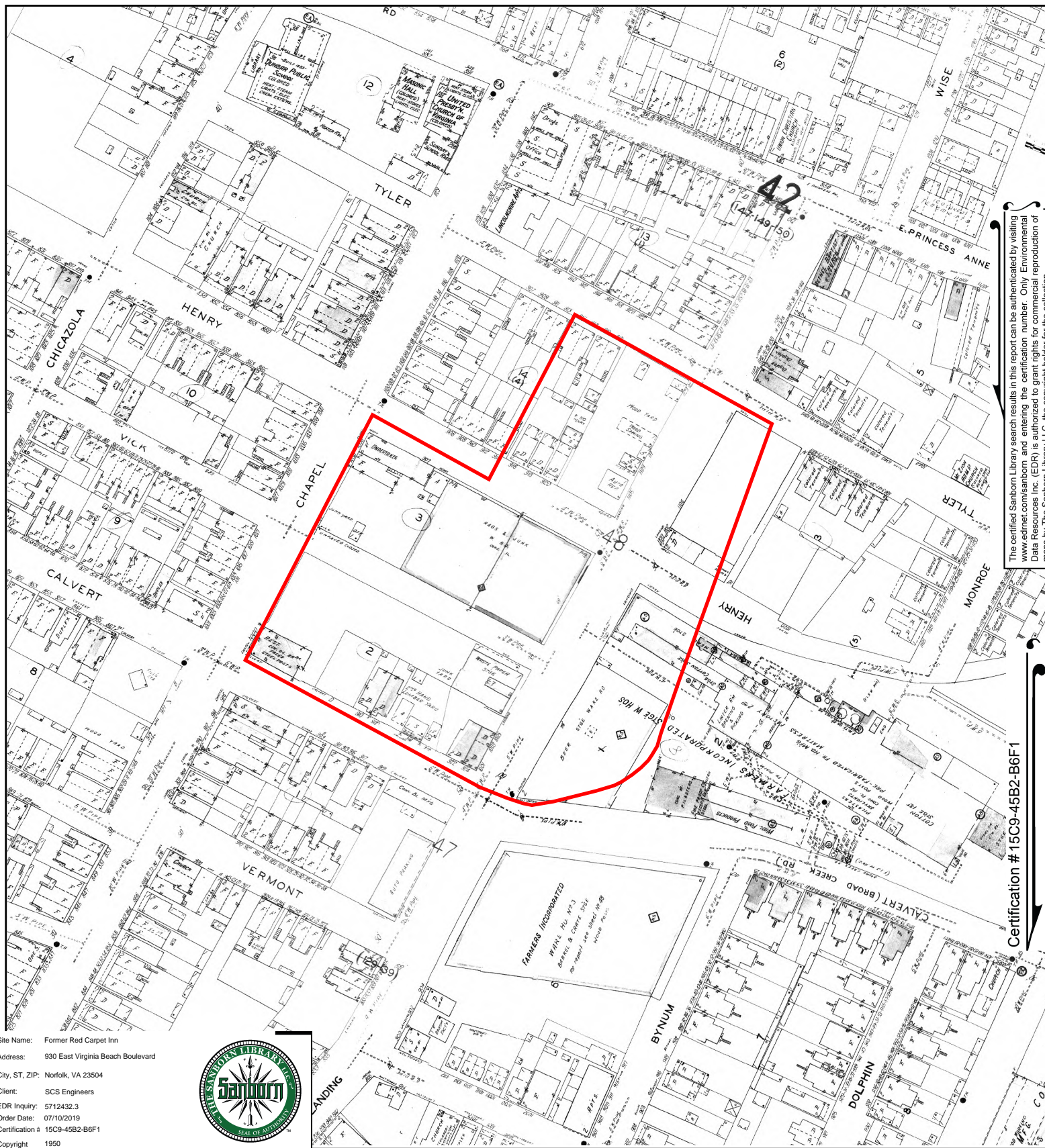
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 48
Volume 1, Sheet 47
Volume 1, Sheet 42
Volume 1, Sheet 39

0 Feet 150 300 600





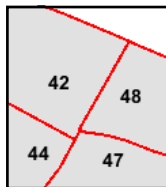
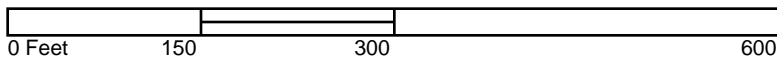
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 Client: SCS Engineers
 EDR Inquiry: 5712432.3
 Order Date: 07/10/2019
 Certification # 15C9-45B2-B6F1
 Copyright 1950

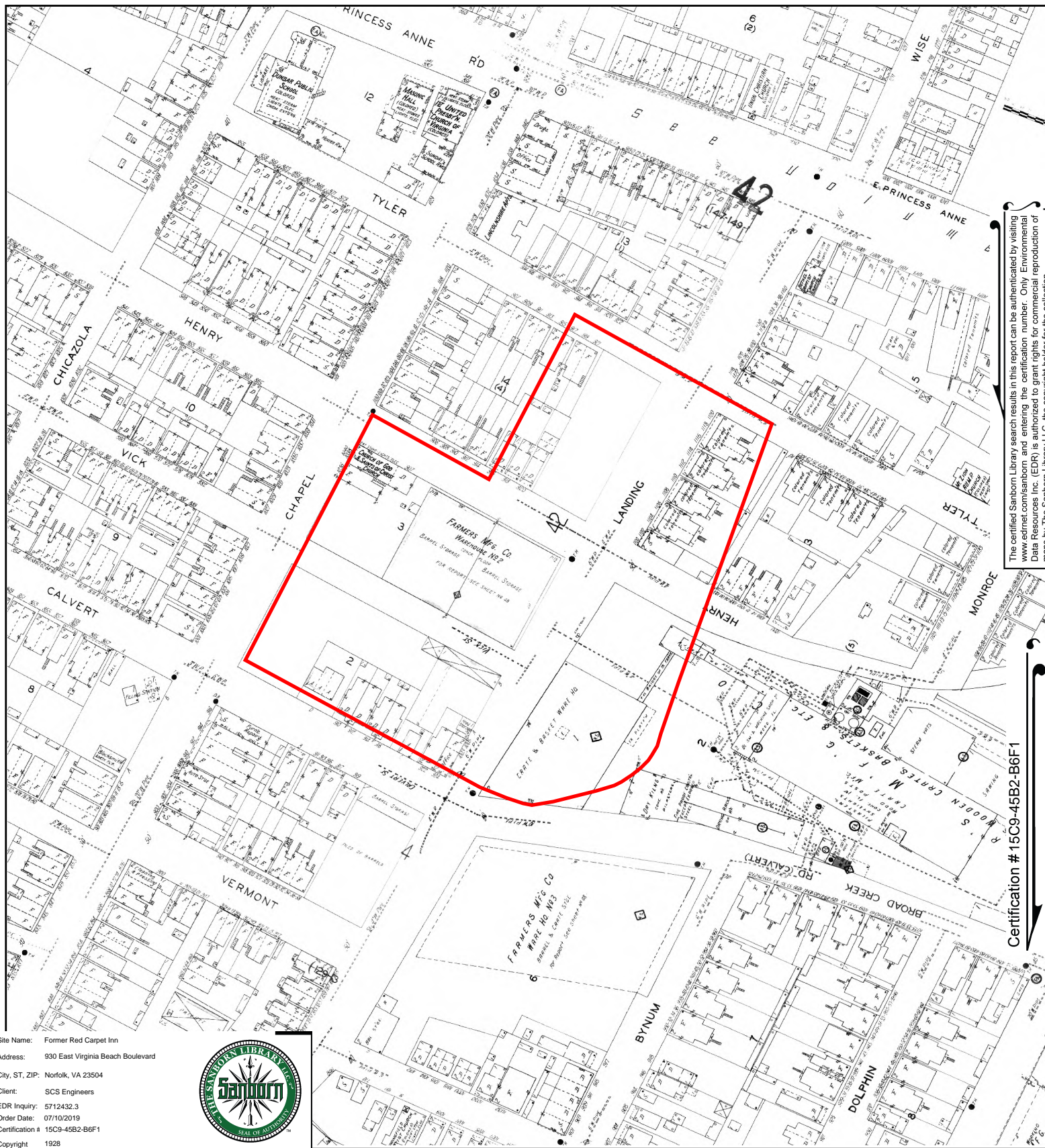


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 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 48
 Volume 1, Sheet 47
 Volume 1, Sheet 44
 Volume 1, Sheet 42





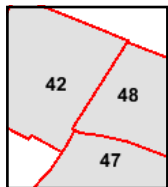
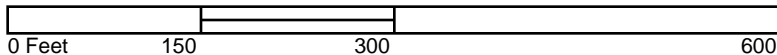
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Certification # 15C9-45B2-B6F1

Site Name: Former Red Carpet Inn
 Address: 930 East Virginia Beach Boulevard
 City, ST, ZIP: Norfolk, VA 23504
 Client: SCS Engineers
 EDR Inquiry: 5712432.3
 Order Date: 07/10/2019
 Certification # 15C9-45B2-B6F1
 Copyright 1928

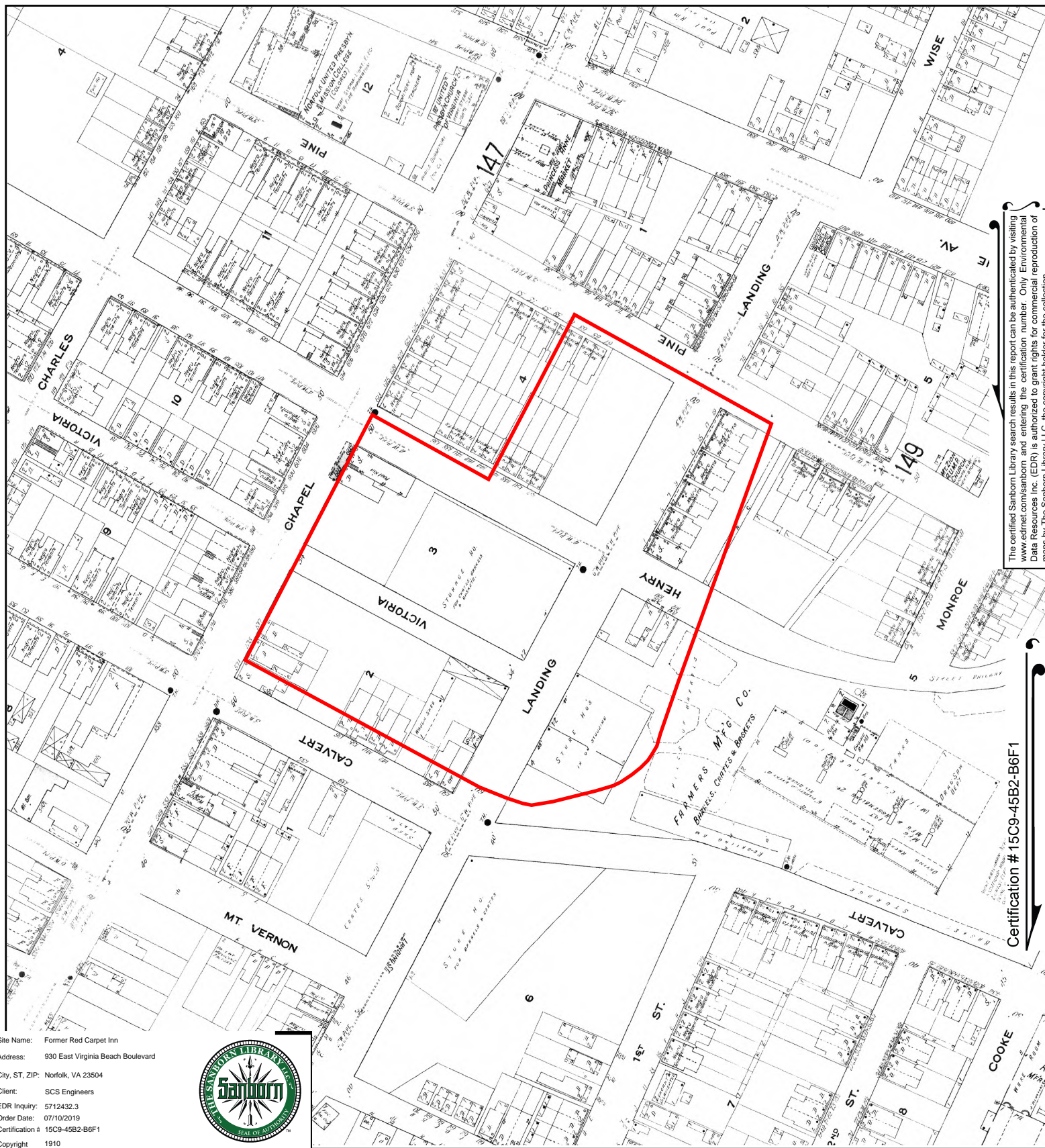


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 48
 Volume 1, Sheet 47
 Volume 1, Sheet 42





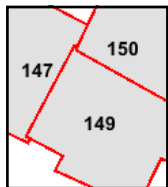
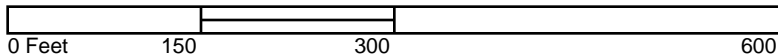
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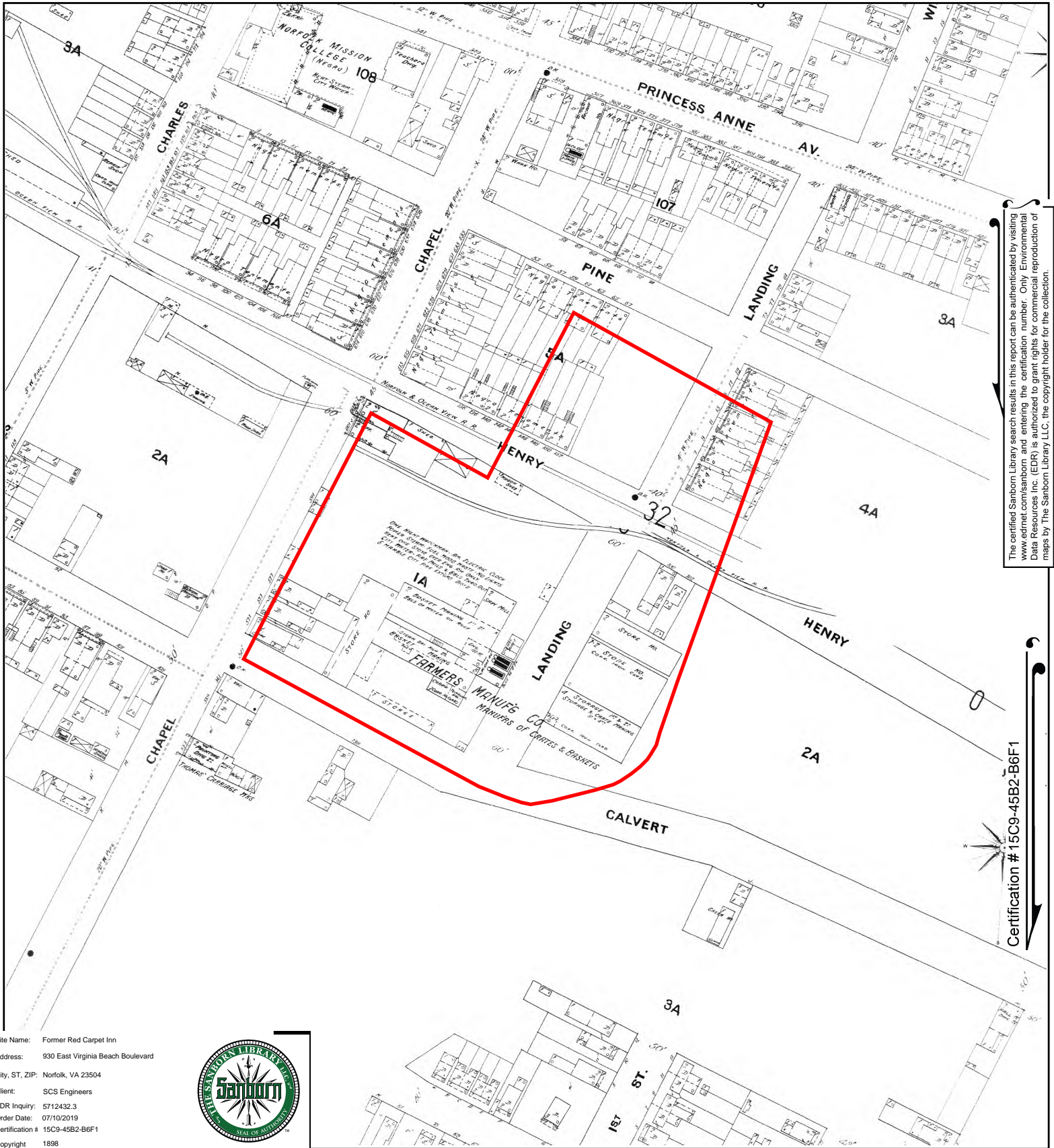
Site Name: Former Red Carpet Inn
 Address: 930 East Virginia Beach Boulevard
 City, ST, ZIP: Norfolk, VA 23504
 Client: SCS Engineers
 EDR Inquiry: 5712432.3
 Order Date: 07/10/2019
 Certification #: 15C9-45B2-B6F1
 Copyright: 1910



This Certified Sanborn Map combines the following sheets.
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Volume 2, Sheet 150
 Volume 2, Sheet 149
 Volume 2, Sheet 147



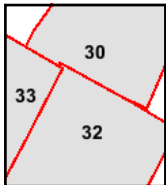
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Certification # 15C9-45B2-B6F1

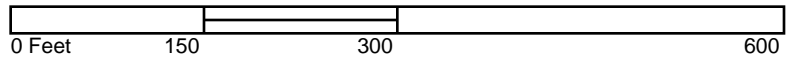
Site Name: Former Red Carpet Inn
 Address: 930 East Virginia Beach Boulevard
 City, ST, ZIP: Norfolk, VA 23504
 Client: SCS Engineers
 EDR Inquiry: 5712432.3
 Order Date: 07/10/2019
 Certification # 15C9-45B2-B6F1
 Copyright 1898



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Volume 1, Sheet 33
 Volume 1, Sheet 32
 Volume 1, Sheet 30





Former American Cigar Factory

1140 East Princess Anne Road

Norfolk, VA 23504

Inquiry Number: 5404627.8

August 27, 2018

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

08/27/18

Site Name:

Former American Cigar Factory
1140 East Princess Anne Roac
Norfolk, VA 23504
EDR Inquiry # 5404627.8

Client Name:

SCS Engineers
11260 Roger Bacon Drive
Reston, VA 20190
Contact: Alexis Holcomb



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Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: March 22, 1994	USGS/DOQQ
1990	1"=750'	Flight Date: April 09, 1990	USGS
1982	1"=500'	Flight Date: April 01, 1982	USDA
1973	1"=500'	Flight Date: April 01, 1973	USGS
1963	1"=500'	Flight Date: March 30, 1963	USGS
1961	1"=500'	Flight Date: June 20, 1961	USGS
1954	1"=500'	Flight Date: October 11, 1954	USDA

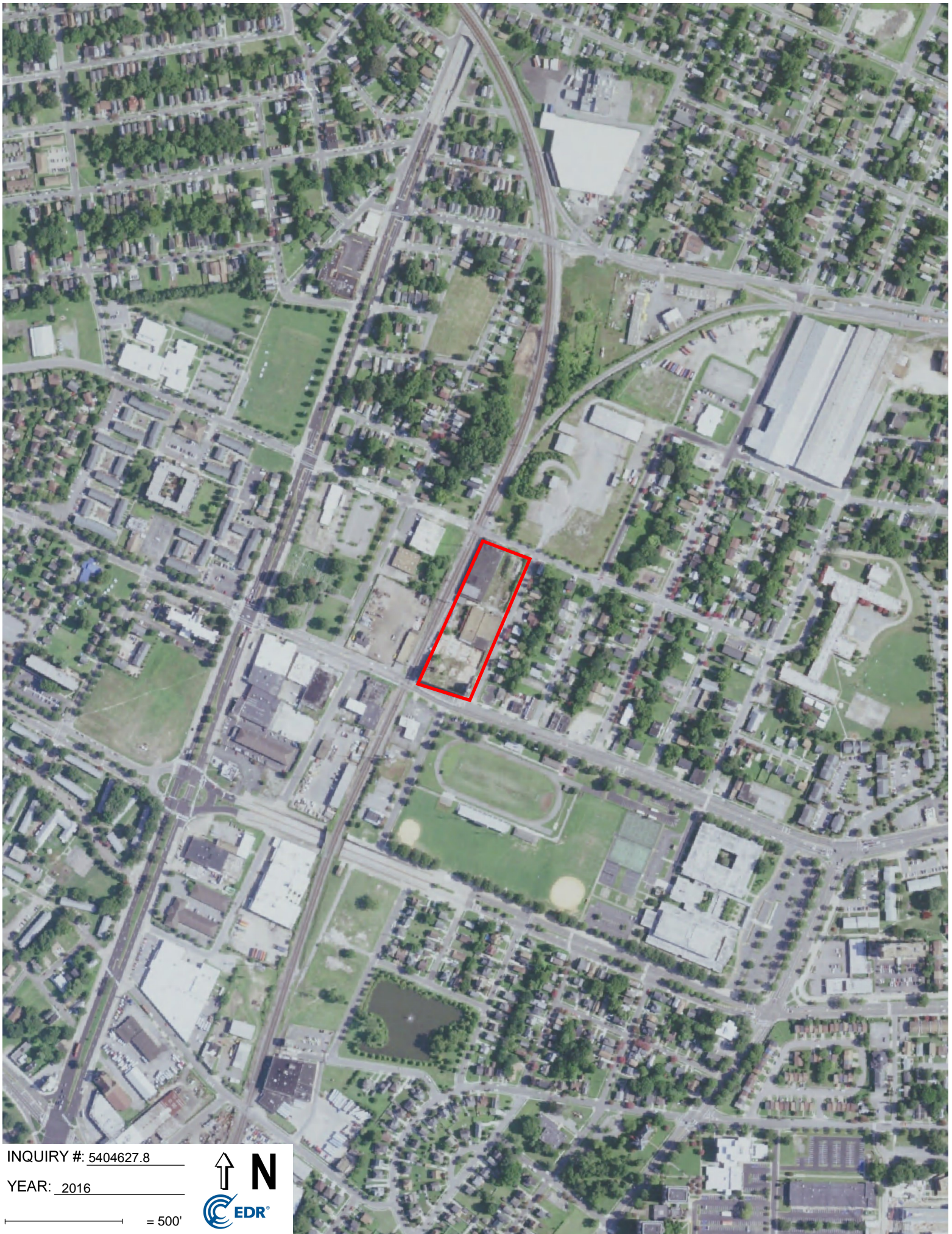
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INQUIRY #: 5404627.8

YEAR: 2016

— = 500'



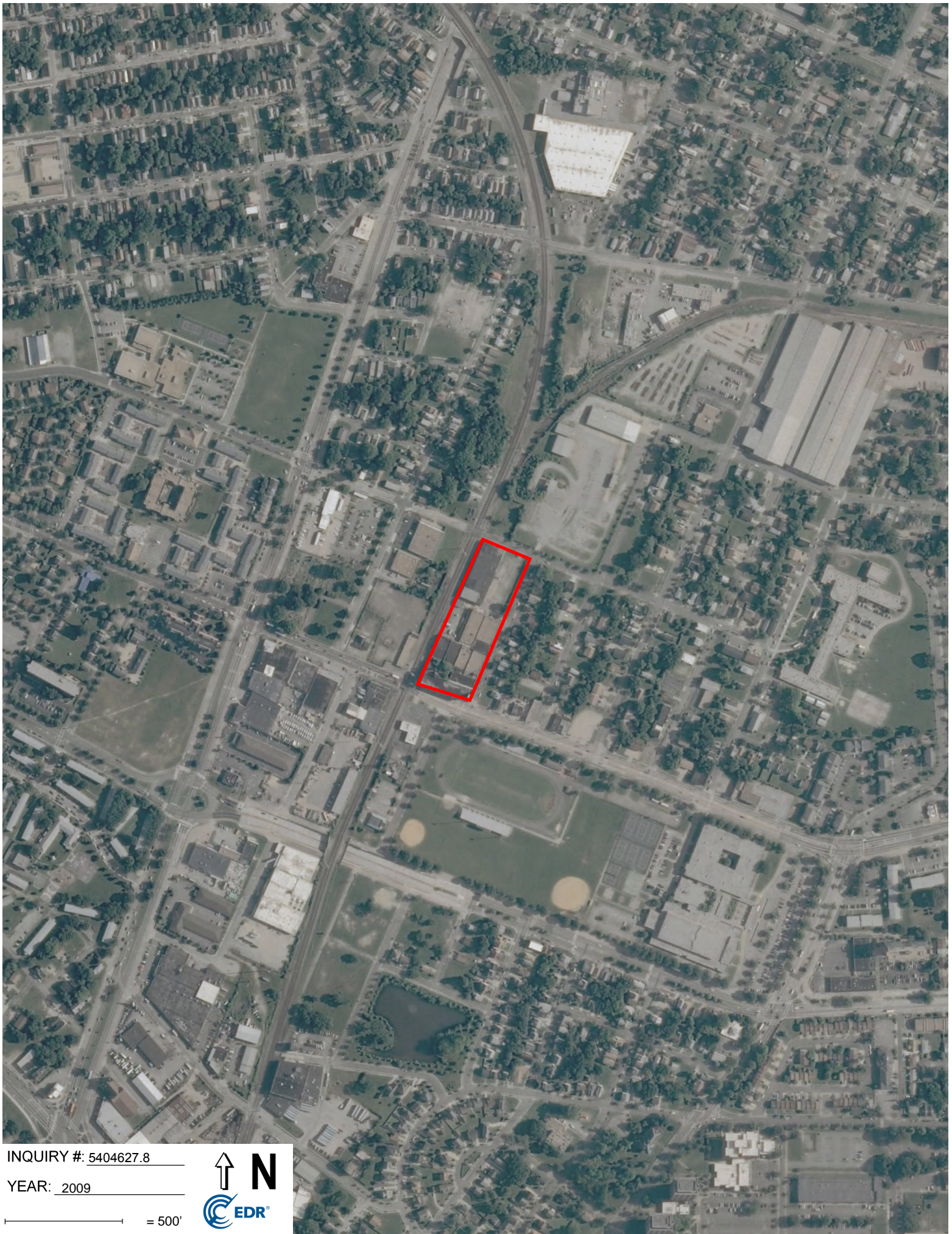


INQUIRY #: 5404627.8

YEAR: 2012

— = 500'





INQUIRY #: 5404627.8

YEAR: 2009

— = 500'





INQUIRY #: 5404627.8

YEAR: 2005

— = 500'





INQUIRY #: 5404627.8

YEAR: 1994

— = 500'





INQUIRY #: 5404627.8

YEAR: 1990

— = 750'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 5404627.8

YEAR: 1982

— = 500'





INQUIRY #: 5404627.8

YEAR: 1973

— = 500'





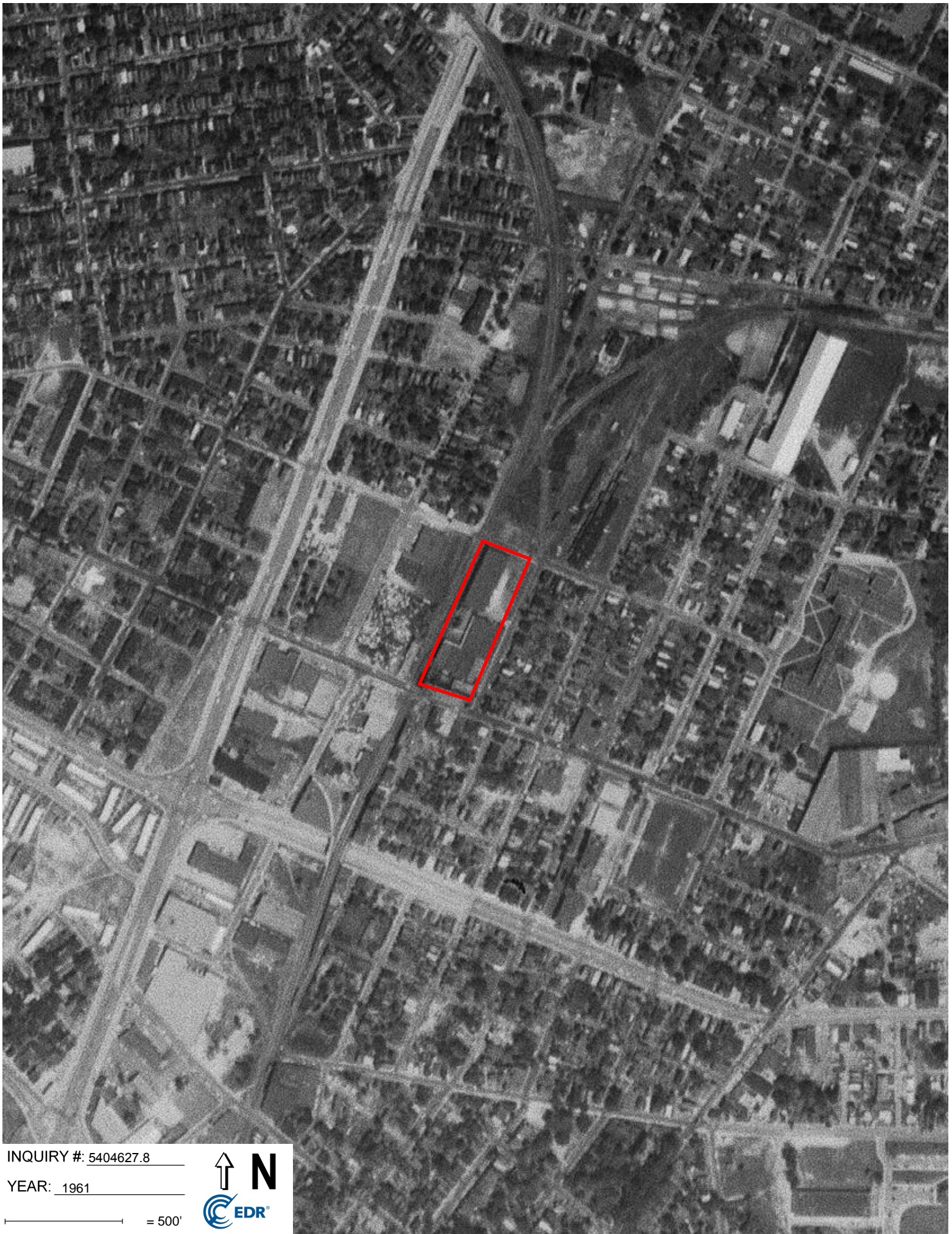
INQUIRY #: 5404627.8

YEAR: 1963

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 5404627.8

YEAR: 1961

— = 500'





INQUIRY #: 5404627.8

YEAR: 1954

— = 500'





Former American Cigar Factory
1140 East Princess Anne Road
Norfolk, VA 23504

Inquiry Number: 5404627.4

August 24, 2018

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

08/24/18

Site Name:

Former American Cigar Factory
1140 East Princess Anne Road
Norfolk, VA 23504
EDR Inquiry # 5404627.4

Client Name:

SCS Engineers
11260 Roger Bacon Drive
Reston, VA 20190
Contact: Alexis Holcomb



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by SCS Engineers were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	02-RE03266-59	Latitude:	36.856563 36° 51' 24" North
Project:	Former American Cigar Factory	Longitude:	-76.270169 -76° 16' 13" West
		UTM Zone:	Zone 18 North
		UTM X Meters:	386770.80
		UTM Y Meters:	4079713.51
		Elevation:	12.00' above sea level

Maps Provided:

2013	1948
1994	1944
1986	1919, 1921
1979, 1980	1907
1973	1902
1970	
1964, 1965	
1954, 1955	

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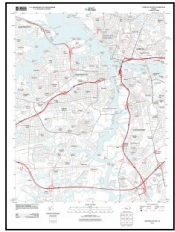
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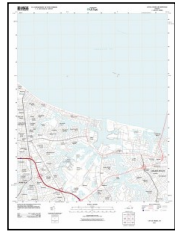
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

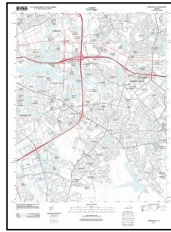
2013 Source Sheets



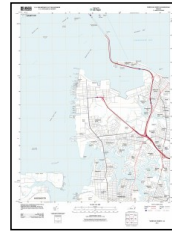
Norfolk South
2013
7.5-minute, 24000



Little Creek
2013
7.5-minute, 24000

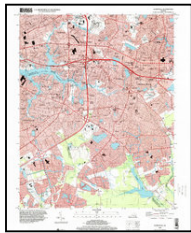


Kempsville
2013
7.5-minute, 24000

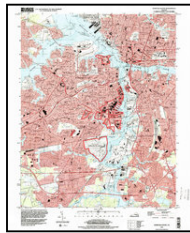


Norfolk North
2013
7.5-minute, 24000

1994 Source Sheets



Kempsville
1994
7.5-minute, 24000
Aerial Photo Revised 1994



Norfolk South
1994
7.5-minute, 24000
Aerial Photo Revised 1994

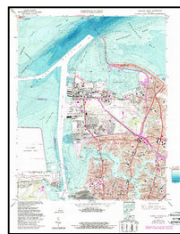
1986 Source Sheets



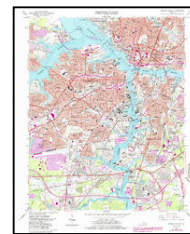
Little Creek
1986
7.5-minute, 24000
Aerial Photo Revised 1981



Kempsville
1986
7.5-minute, 24000
Aerial Photo Revised 1981



Norfolk North
1986
7.5-minute, 24000
Aerial Photo Revised 1981



Norfolk South
1986
7.5-minute, 24000
Aerial Photo Revised 1982

1979, 1980 Source Sheets



Little Creek
1979
7.5-minute, 24000
Aerial Photo Revised 1978



Norfolk South
1980
7.5-minute, 24000
Aerial Photo Revised 1978



Norfolk North
1980
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Aerial Photo Revised 1978



Kempsville
1980
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Aerial Photo Revised 1978

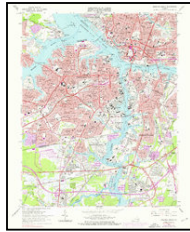
Topo Sheet Key

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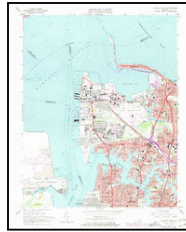
1973 Source Sheets



Kempsville
1973
7.5-minute, 24000
Aerial Photo Revised 1970



Norfolk South
1973
7.5-minute, 24000
Aerial Photo Revised 1970

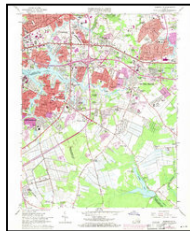


Norfolk North
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1970 Source Sheets



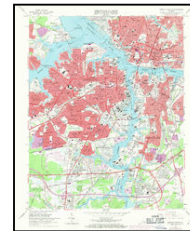
Little Creek
1970
7.5-minute, 24000
Aerial Photo Revised 1970



Kempsville
1970
7.5-minute, 24000
Aerial Photo Revised 1970



Norfolk North
1970
7.5-minute, 24000
Aerial Photo Revised 1970



Norfolk South
1970
7.5-minute, 24000
Aerial Photo Revised 1970

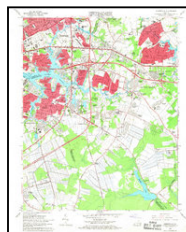
1964, 1965 Source Sheets



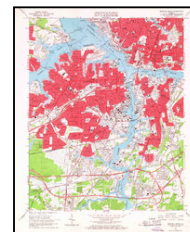
Little Creek
1964
7.5-minute, 24000
Aerial Photo Revised 1963



Norfolk North
1965
7.5-minute, 24000
Aerial Photo Revised 1963

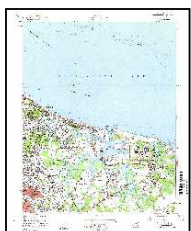


Kempsville
1965
7.5-minute, 24000
Aerial Photo Revised 1963



Norfolk South
1965
7.5-minute, 24000
Aerial Photo Revised 1963

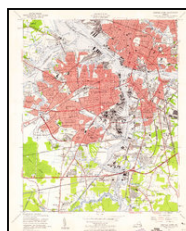
1954, 1955 Source Sheets



LITTLE CREEK
1954
7.5-minute, 24000



Ocean View
1954
7.5-minute, 24000
Aerial Photo Revised 1952



Norfolk South
1955
7.5-minute, 24000
Aerial Photo Revised 1952



Norfolk North
1955
7.5-minute, 24000
Aerial Photo Revised 1952

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1954, 1955 Source Sheets



Kempsville
1955
7.5-minute, 24000
Aerial Photo Revised 1952

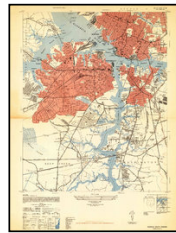
1948 Source Sheets



Kempsville
1948
7.5-minute, 24000
Aerial Photo Revised 1942



Norfolk North
1948
7.5-minute, 24000
Aerial Photo Revised 1942

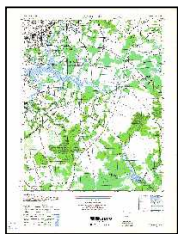


Norfolk South
1948
7.5-minute, 24000
Aerial Photo Revised 1942

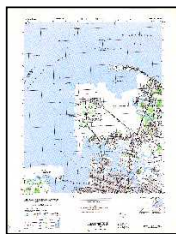


Ocean View
1948
7.5-minute, 24000
Aerial Photo Revised 1942

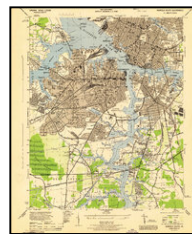
1944 Source Sheets



KEMPSVILLE
1944
7.5-minute, 25000



NORFOLK NORTH
1944
7.5-minute, 25000



Norfolk South
1944
7.5-minute, 25000
Aerial Photo Revised 1942

1919, 1921 Source Sheets



Cape Henry
1919
15-minute, 62500



Newport News
1921
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1907 Source Sheets

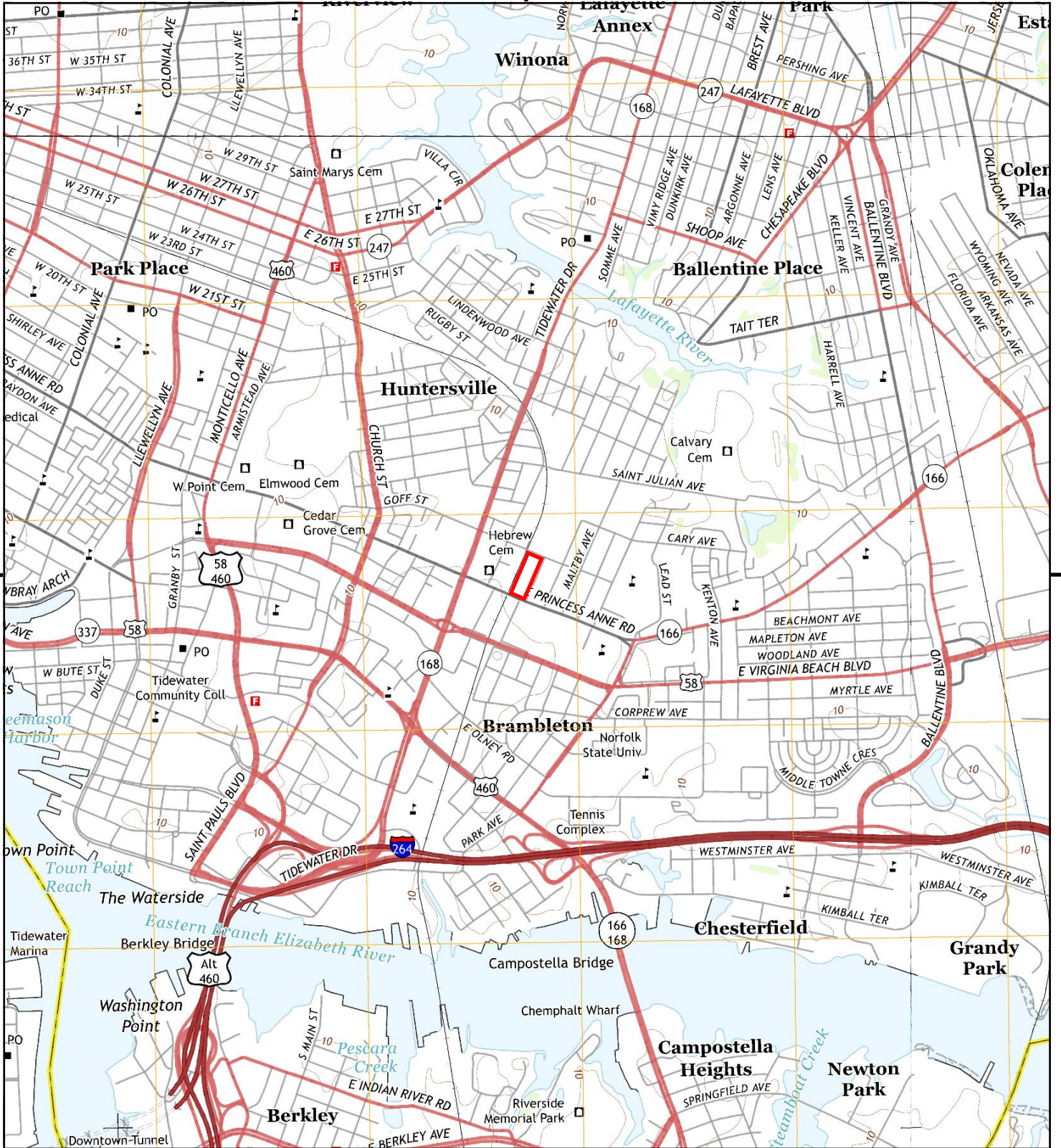


Norfolk
1907
30-minute, 125000

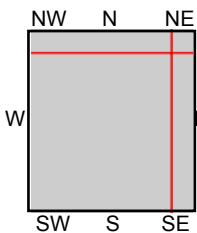
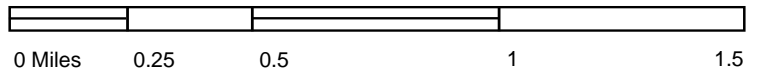
1902 Source Sheets



Norfolk
1902
30-minute, 125000



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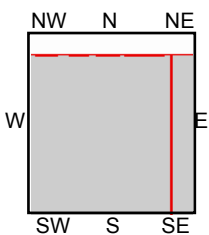
TP, Norfolk South, 2013, 7.5-minute
 NE, Little Creek, 2013, 7.5-minute
 SE, Kempsville, 2013, 7.5-minute
 NW, Norfolk North, 2013, 7.5-minute

SITE NAME: Former American Cigar Factory
 ADDRESS: 1140 East Princess Anne Road
 Norfolk, VA 23504
 CLIENT: SCS Engineers





This report includes information from the following map sheet(s).



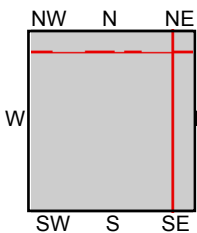
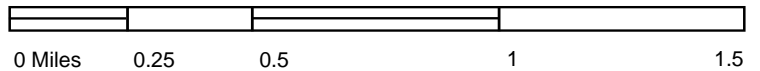
TP, Norfolk South, 1994, 7.5-minute
SE, Kempville, 1994, 7.5-minute

SITE NAME: Former American Cigar Factory
ADDRESS: 1140 East Princess Anne Road
Norfolk, VA 23504
CLIENT: SCS Engineers





This report includes information from the following map sheet(s).



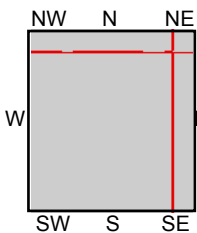
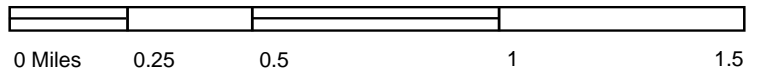
TP, Norfolk South, 1986, 7.5-minute
NE, Little Creek, 1986, 7.5-minute
SE, Kempsville, 1986, 7.5-minute
NW, Norfolk North, 1986, 7.5-minute

SITE NAME: Former American Cigar Factory
ADDRESS: 1140 East Princess Anne Road
Norfolk, VA 23504
CLIENT: SCS Engineers





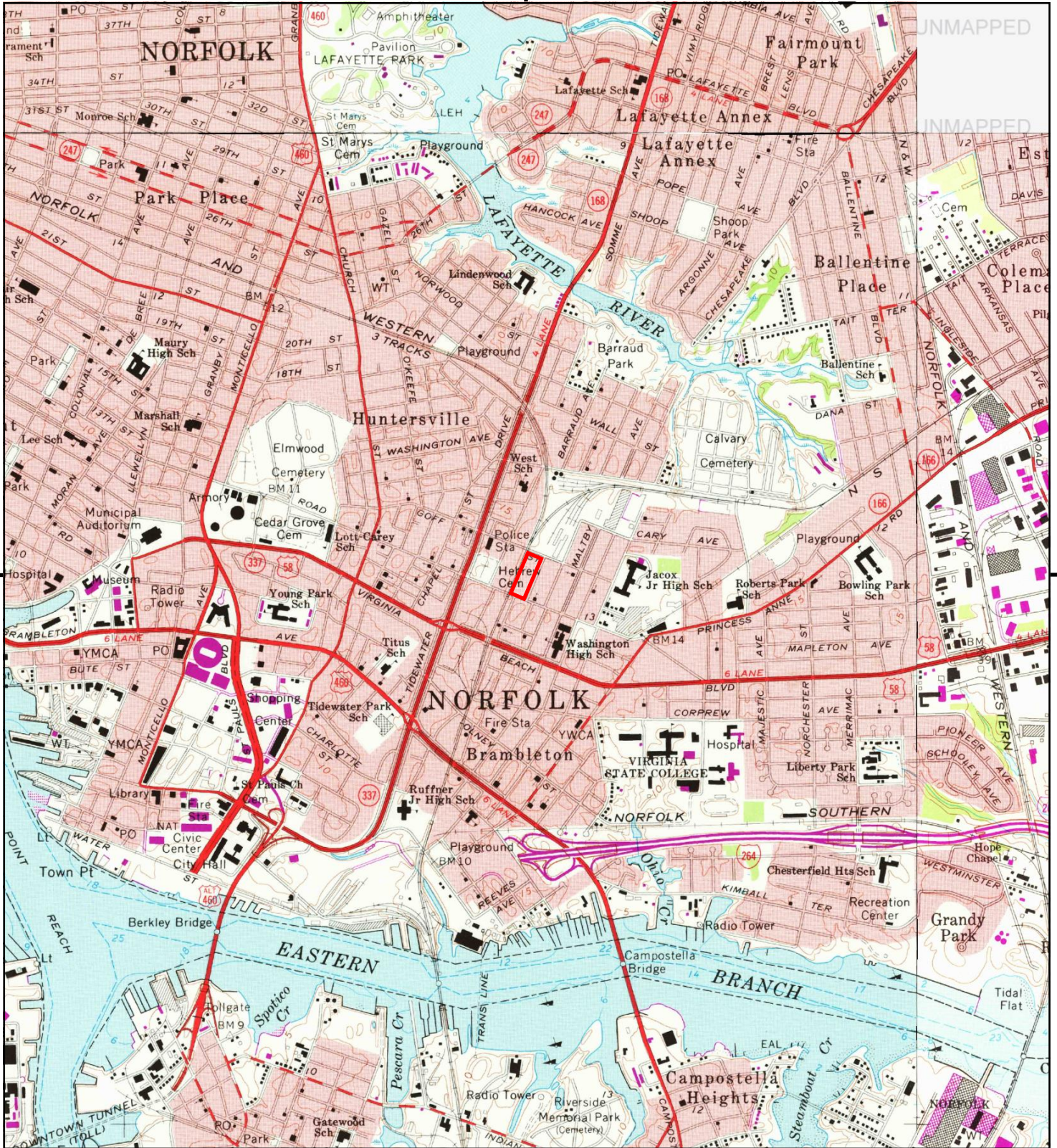
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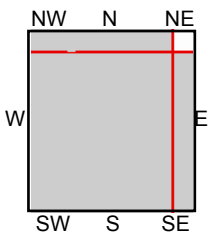
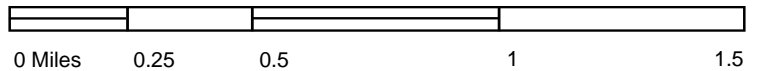
TP, Norfolk South, 1980, 7.5-minute
NE, Little Creek, 1979, 7.5-minute
SE, Kempsville, 1980, 7.5-minute
NW, Norfolk North, 1980, 7.5-minute

SITE NAME: Former American Cigar Factory
ADDRESS: 1140 East Princess Anne Road
Norfolk, VA 23504
CLIENT: SCS Engineers





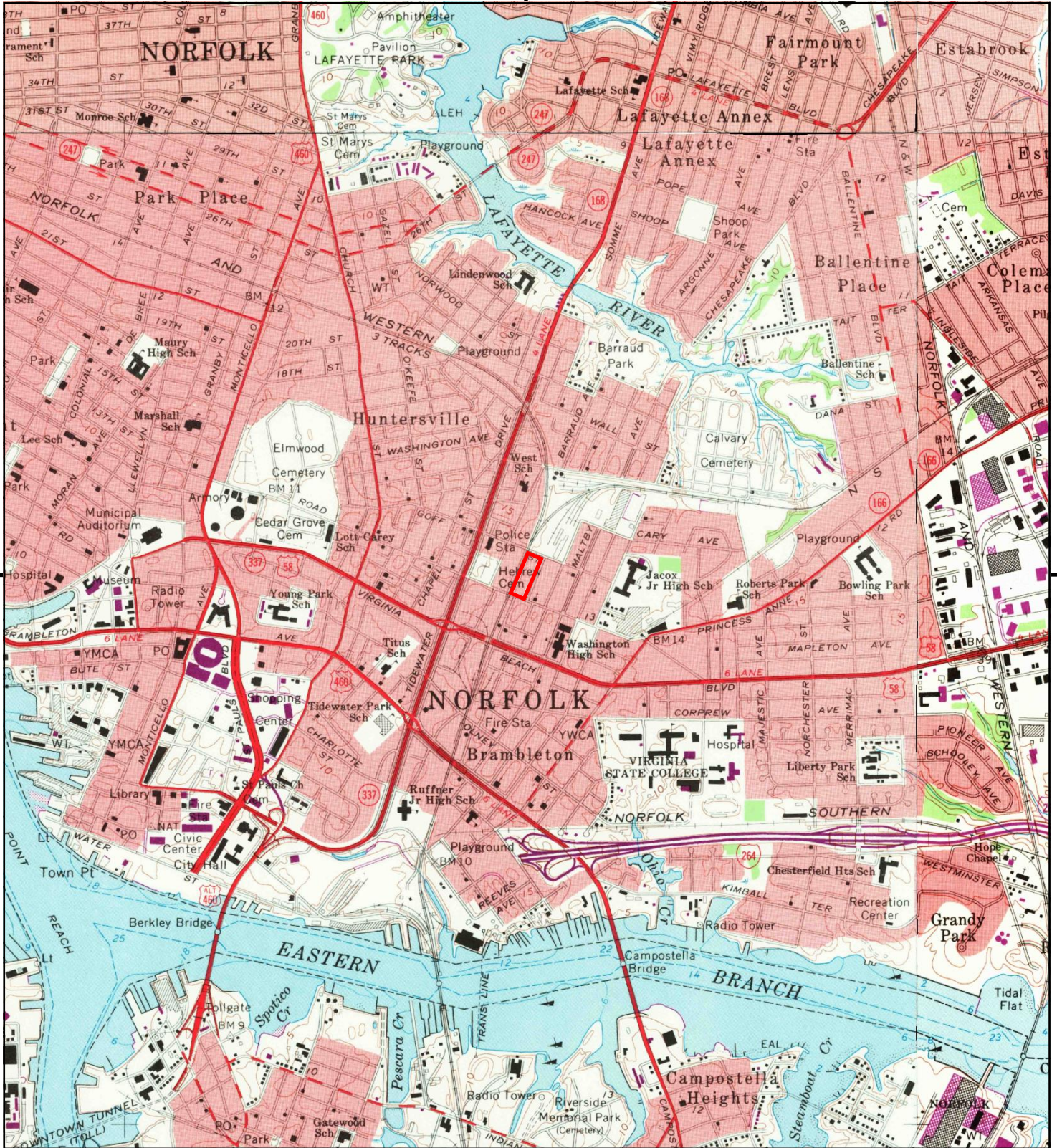
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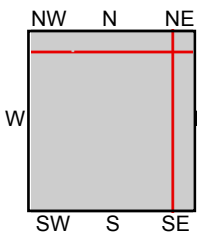
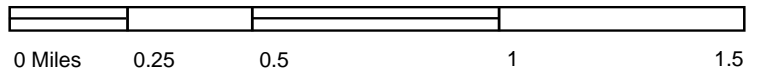
TP, Norfolk South, 1973, 7.5-minute
SE, Kempsville, 1973, 7.5-minute
NW, Norfolk North, 1973, 7.5-minute

SITE NAME: Former American Cigar Factory
ADDRESS: 1140 East Princess Anne Road
Norfolk, VA 23504
CLIENT: SCS Engineers





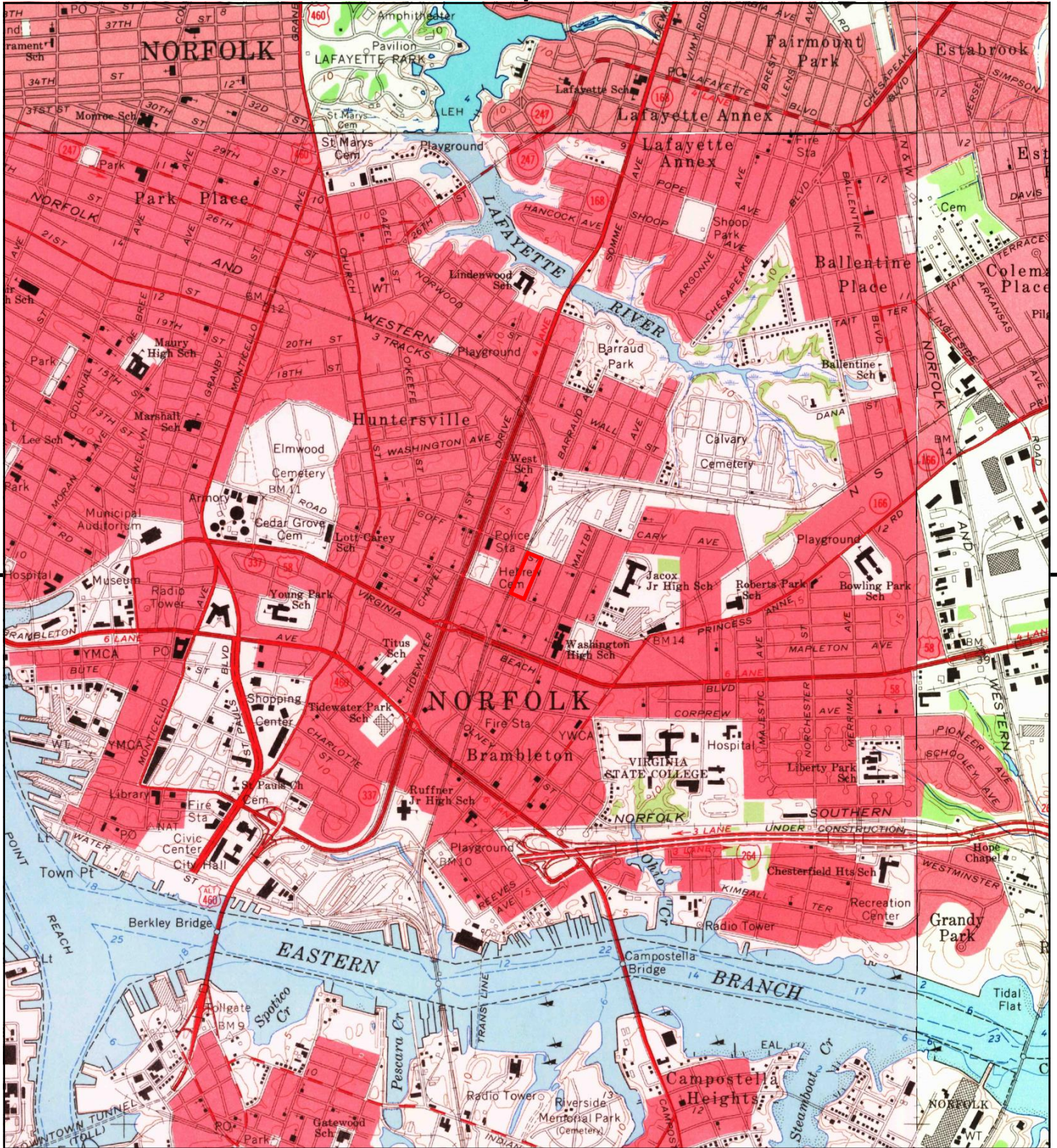
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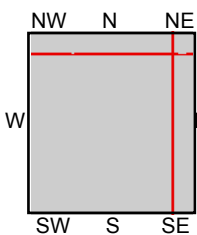
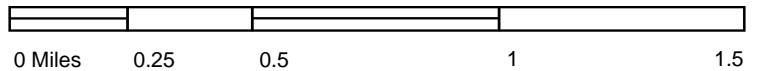
TP, Norfolk South, 1970, 7.5-minute
NE, Little Creek, 1970, 7.5-minute
SE, Kempsville, 1970, 7.5-minute
NW, Norfolk North, 1970, 7.5-minute

SITE NAME: Former American Cigar Factory
ADDRESS: 1140 East Princess Anne Road
Norfolk, VA 23504
CLIENT: SCS Engineers





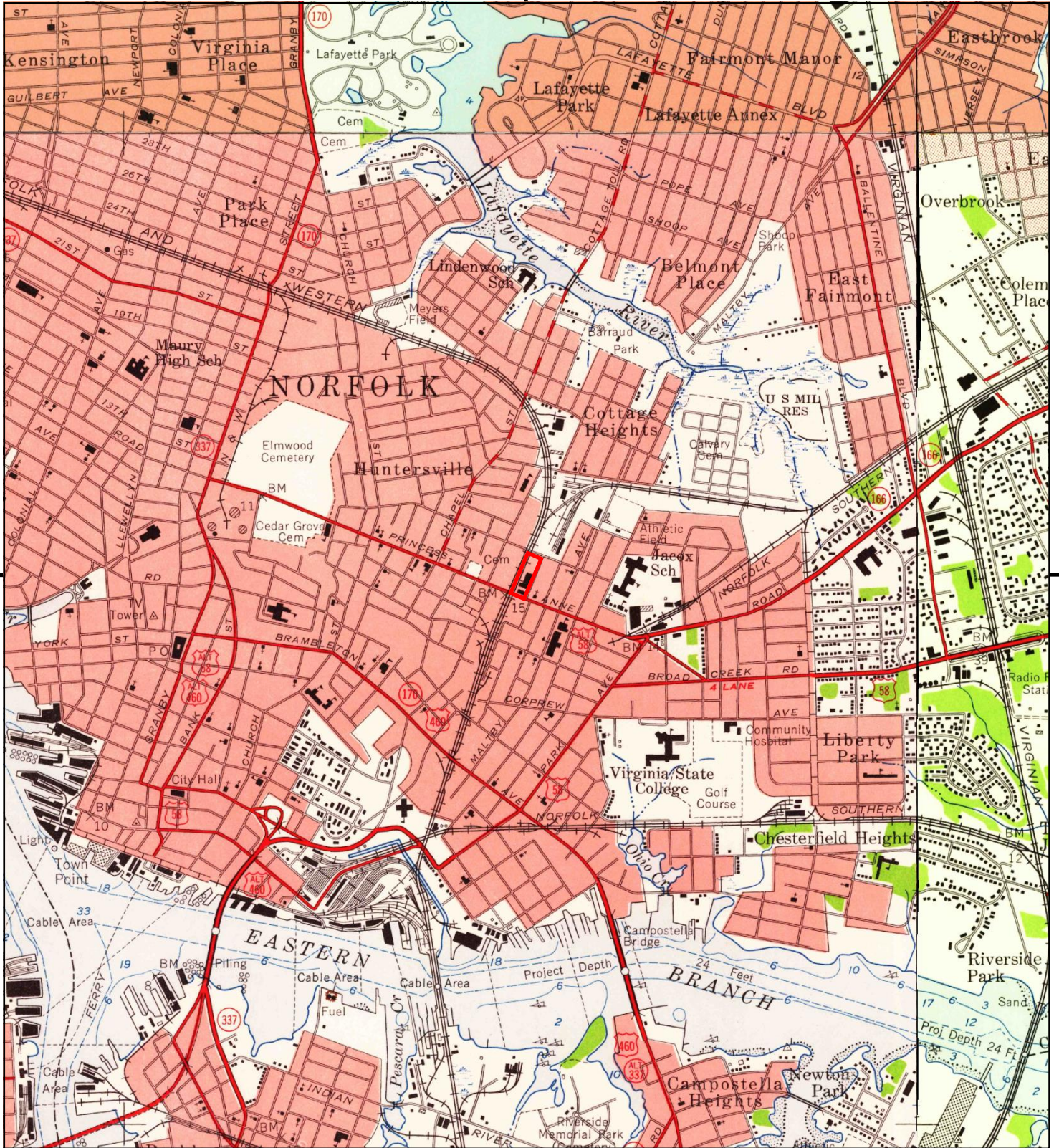
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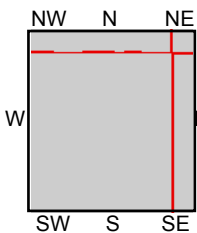
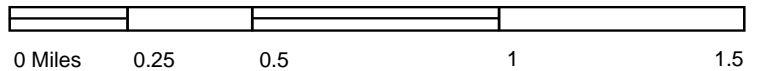
TP, Norfolk South, 1965, 7.5-minute
NE, Little Creek, 1964, 7.5-minute
SE, Kempsville, 1965, 7.5-minute
NW, Norfolk North, 1965, 7.5-minute

SITE NAME: Former American Cigar Factory
ADDRESS: 1140 East Princess Anne Road
Norfolk, VA 23504
CLIENT: SCS Engineers





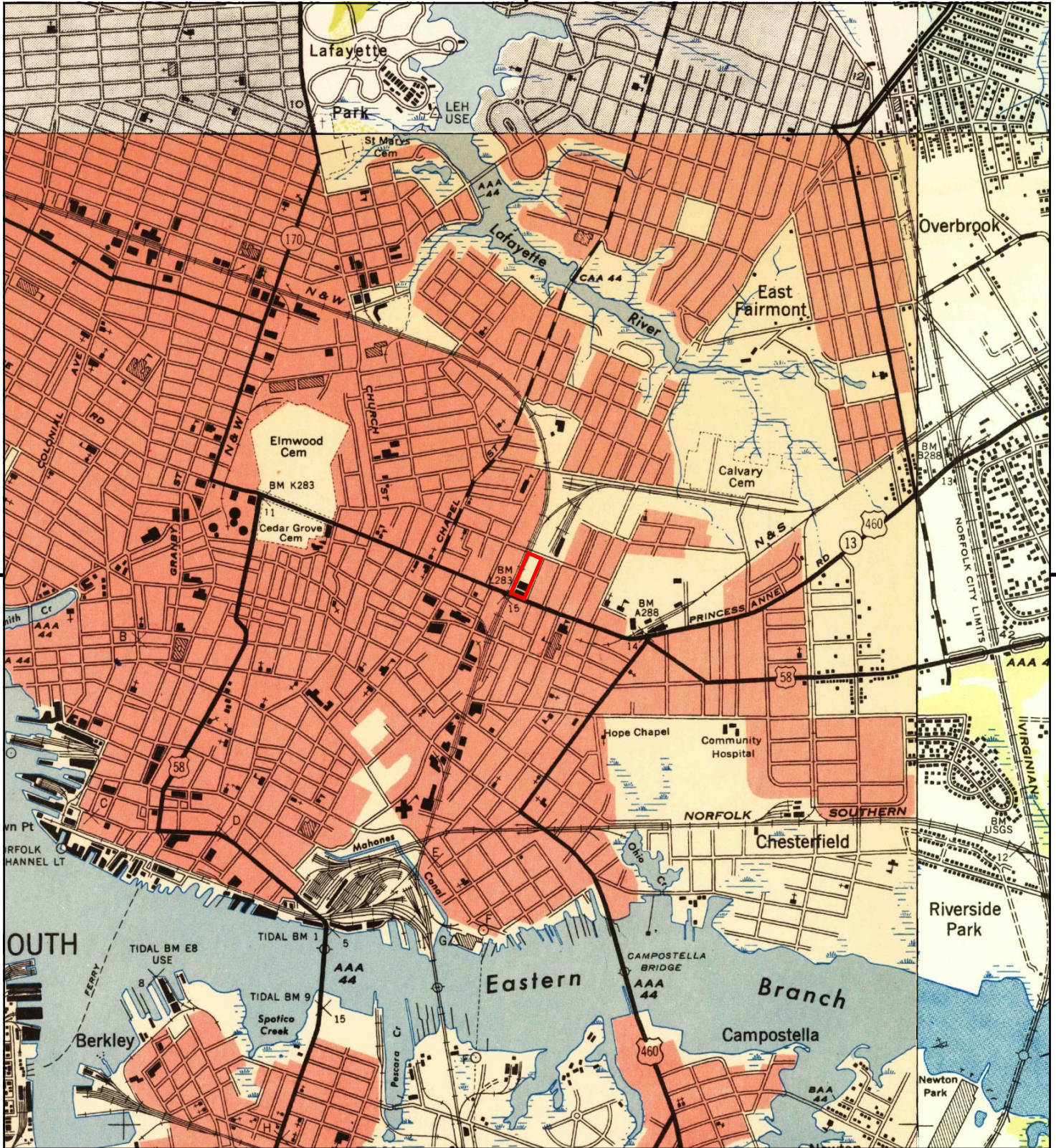
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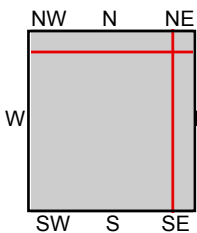
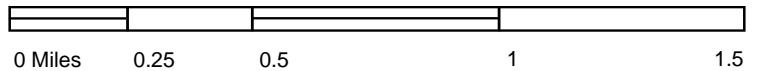
TP, Norfolk South, 1955, 7.5-minute
 NE, LITTLE CREEK, 1954, 7.5-minute
 NE, Ocean View, 1954, 7.5-minute
 SE, Kempsville, 1955, 7.5-minute
 NW, Norfolk North, 1955, 7.5-minute

SITE NAME: Former American Cigar Factory
 ADDRESS: 1140 East Princess Anne Road
 Norfolk, VA 23504
 CLIENT: SCS Engineers





This report includes information from the following map sheet(s).



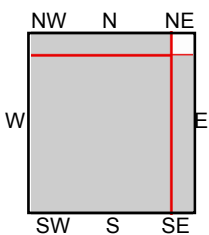
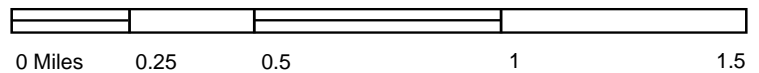
TP, Norfolk South, 1948, 7.5-minute
NE, Ocean View, 1948, 7.5-minute
SE, Kempsville, 1948, 7.5-minute
NW, Norfolk North, 1948, 7.5-minute

SITE NAME: Former American Cigar Factory
ADDRESS: 1140 East Princess Anne Road
Norfolk, VA 23504
CLIENT: SCS Engineers





This report includes information from the following map sheet(s).



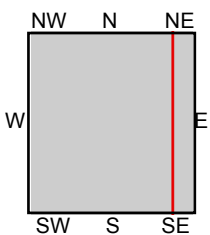
TP, Norfolk South, 1944, 7.5-minute
SE, KEMPSVILLE, 1944, 7.5-minute
NW, NORFOLK NORTH, 1944, 7.5-minute

SITE NAME: Former American Cigar Factory
ADDRESS: 1140 East Princess Anne Road
Norfolk, VA 23504
CLIENT: SCS Engineers





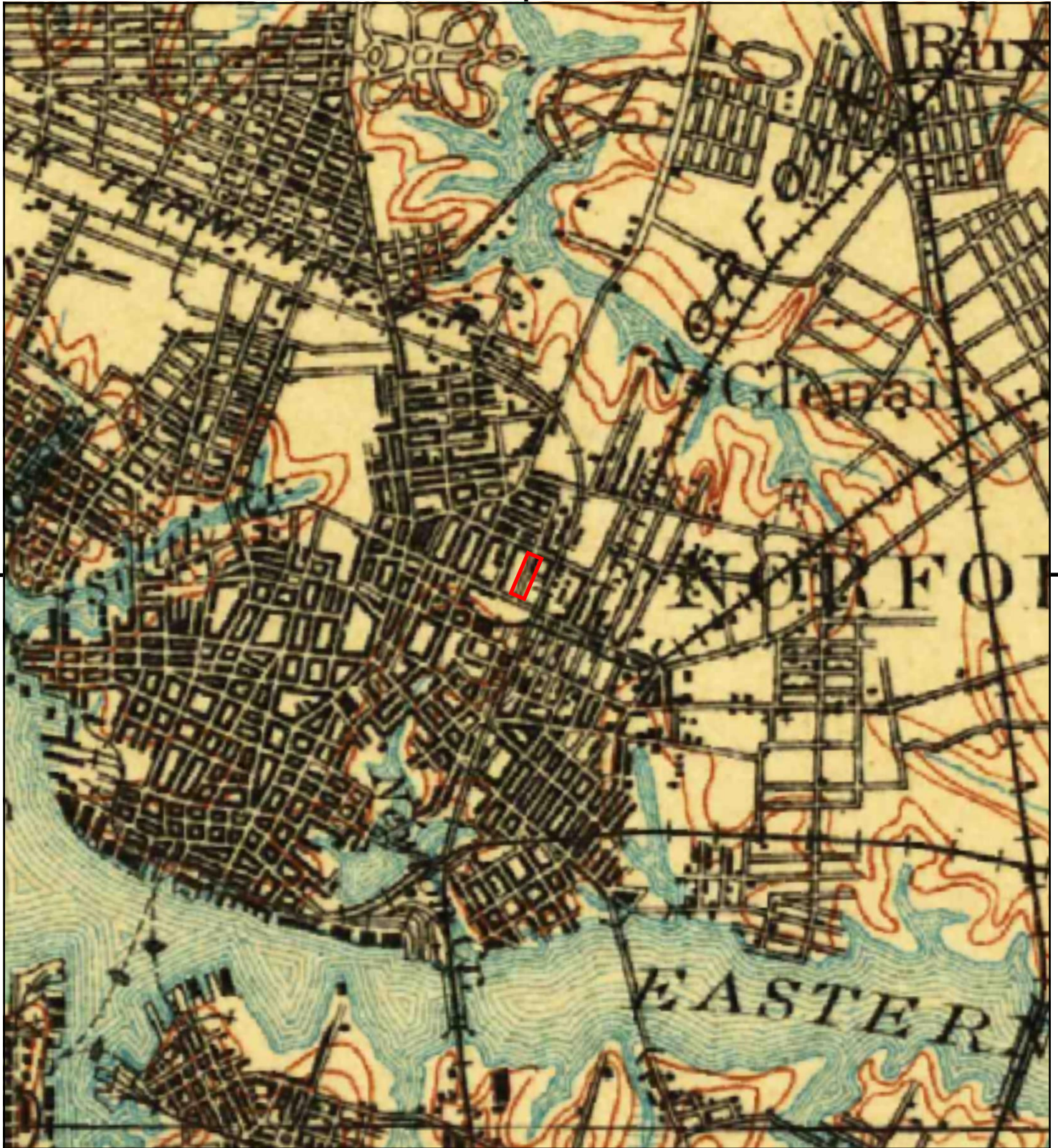
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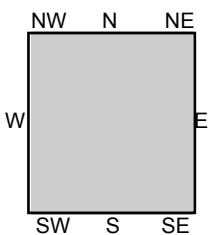
TP, Newport News, 1921, 15-minute
E, Cape Henry, 1919, 15-minute

SITE NAME: Former American Cigar Factory
ADDRESS: 1140 East Princess Anne Road
Norfolk, VA 23504
CLIENT: SCS Engineers





This report includes information from the following map sheet(s).



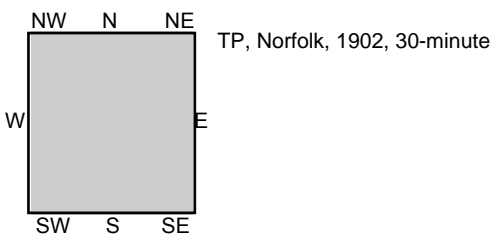
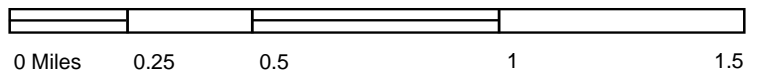
TP, Norfolk, 1907, 30-minute

SITE NAME: Former American Cigar Factory
 ADDRESS: 1140 East Princess Anne Road
 Norfolk, VA 23504
 CLIENT: SCS Engineers





This report includes information from the following map sheet(s).



SITE NAME: Former American Cigar Factory
 ADDRESS: 1140 East Princess Anne Road
 Norfolk, VA 23504
 CLIENT: SCS Engineers



Former Red Carpet Inn

930 East Virginia Beach Boulevard
Norfolk, VA 23504

Inquiry Number: 5712432.10
July 12, 2019

The EDR-City Directory Image Report

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City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

infoUSA[®]

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
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1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
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1981	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co
1976	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co
1971	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co
1966	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co
1964	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co

FINDINGS

TARGET PROPERTY STREET

930 East Virginia Beach Boulevard
Norfolk, VA 23504

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

E VIRGINIA BEACH BLVD

2014	pg A1	EDR Digital Archive
2010	pg A2	EDR Digital Archive
2005	pg A3	EDR Digital Archive
2000	pg A4	EDR Digital Archive
1995	pg A5	EDR Digital Archive
1992	pg A6	EDR Digital Archive
1986	pg A7	POLK DIRECTORY CO
1986	pg A8	POLK DIRECTORY CO
1981	pg A10	Hill Directory Co
1981	pg A9	Hill Directory Co
1976	pg A11	Hill Directory Co
1971	pg A12	Hill Directory Co
1971	pg A13	Hill Directory Co
1966	pg A14	Hill Directory Co
1966	pg A15	Hill Directory Co
1964	pg A16	Hill Directory Co

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

E VIRGINIA BEACH BLVD**2014**

703	WATSON JAMES L JR
711	VONJO ENTERPRISES INC
800	NEW CALVARY BAPTIST CHURCH
809	RNC LAWN SERVICE
823	J AND G ROOFING
850	CALVARY TOWERS
930	KANAK HOSPITALITY MANAGEMENT
943	SHEILDS HALL
1411	DEES HOTDOG

E VIRGINIA BEACH BLVD**2010**

703	WATSON JAMES L JR
711	KAMAL HELOU
	VONJO ENTERPRISES INC
800	NEW CALVARY BAPTIST CHURCH
809	RNC LAWN SERVICE
817	YSI GROUP LLC
850	CALVARY TOWERS
901	FORD VIVIAN
930	KANAK HOSPITALITY MANAGEMENT
941	COROBO PRODUCTS
943	SHEILDS HALL
1275	PROJECT CLUE INC
1411	DEES HOTDOG
1415	HANKERSON CLEANING SERVICES

E VIRGINIA BEACH BLVD**2005**

701	AUDREY MEDICAL CENTER
	JONES PAUL A DR PC
703	WATSON JAMES L JR
711	VONJO ENTERPRISES INC
800	NEW CALVARY BAPTIST CHURCH
850	CALVARY TOWERS
930	KANAK HOSPITALITY MANAGEMENT
1374	SWEETLANDS HEATING & COOLING S
1411	SAUNDERS TEMPORARY SERVICES

E VIRGINIA BEACH BLVD**2000**

701	JONES PAUL A DR PC
	SIMPKINS GARLAND L MD
703	WATSON JAMES L JR
711	SHOPN GO II
800	NEW CALVARY BAPTIST CHURCH
850	CALVARY TOWERS
930	KANAK HOSPITALITY MANAGEMENT
1201	AAA BUILDING & PLUMBING SUP
	JA LE REALTY
1235	DIOGENES INC

E VIRGINIA BEACH BLVD**1995**

703	WATSON JAMES L JR
711	SHOPN GO II
800	NEW CALVARY BAPTIST CHURCH
850	CALVARY TOWERS
930	F E H PARTNERSHIP
1235	KENTS CORNER
1241	COLOR & CUT BEAUTY SALON

E VIRGINIA BEACH BLVD**1992**

701	SIMPKINS GARLAND L MD
703	WATSON JAMES L JR
711	SHOPN GO II
800	NEW CALVARY BAPTIST CHURCH
850	CALVARY TOWERS
930	F E H PARTNERSHIP
1235	KENTS CORNER
1241	COLOR & CUT BEAUTY SALON

E VIRGINIA BEACH BLVD 1986

829 Baker Mary L Mrs 627-1505
831 Mc Kinney Alvin
833 Hooks James E 625-0253
837 Davis Eartha H Mrs 627-8042
839 Spruill Lena H Mrs
841 Oden Mary E
843 Ward Shirley 640-1470
845 Jackson Monzola V Mrs 623-5776
847 Mc Fadden Gladys H Mrs

CHICAZOLA BEGINS

855 Daniel Debra A 622-3291
857 Perkins Claudia L
859 Rodgers Gustelia V Mrs 623-4058
861 Scott Blanche E Mrs 623-3069
863 Lovick Charles H 623-2426
865 Clark Willie M 623-2307
867 Josey Delphia M Mrs 622-1529
869 Lane Gloria C Mrs 622-7965
871 Enoch James 622-7278
873 King Geraldine H Mrs
876 Towers Calvery Apartments

CHAPEL INTERSECTS

901 Crandle Gwendolyn D 623-3666
903 Davis Patricia L 623-2683
905 Young Ernestine 625-2844
907★Spruill Kimberly
909 Williams Lillian E Mrs 622-0585
910a Vacant
910b Vacant
911 Mc Intyre Keven
913 Brown Aretha E Mrs 622-8424
915 Battle Charlie Jr
917 Sawyer Lillie H
919 Knox Pauline M Mrs 623-7004
921 Jones Frank 623-7305
923 James Melvin M Mrs 622-1740

LANDING INTERSECTS

925 Rome Everdine C Mrs 625-6454
927 Ector Marilyn J Mrs
929 Harris Mary A Mrs 627-6811
930 Quality Inn Town Point motel 623-5700
933★Miller Mattie
935 Ross Annie R 623-9474
937 Smitherman Iyona C nurse 623-1237
939 Connor Fannie
941 Bolden Jeanette R Mrs 627-2779
943 Brockenbury Agnes L
945★Cuffee B 625-7321
947 Fluellen Ernestine A
949 Brown Eloise 623-6864

E VIRGINIA BEACH BLVD

1986

951 Cooper Mary L Mrs 627-0050

953★Moore Geneva

Williams Willie A 623-1237

955 Taylor Cozella B Mrs 622-4168

957 Garner Henry A

959 Rodgers Jean Mrs 625-0031

961 Mc Intosh Pearlie M Mrs 623-7919

963 Clary Lucille 622-0577

18

TIDEWATER DR INTERSECTS

DOLPHIN ENDS

COOKE AV INTERSECTS

1128 M & B Of Norfolk Inc garment hangers
625-2473

Taylor Salt & Chemical Co Inc 625-0571

28

E VIRGINIA BEACH BLVD 1981

829 Baker Mary E 627-1505

830 Vacant

831 Mc Kinney Alvin

832 Pankey Margt L Mrs 622-0384

833 Lockett Bessie W Mrs 623-2524

834 Vacant

835 Vacant

836 Vacant

837 Davis Eartha H 627-8042

838 Farrow Jack R 627-3508

839 Spruill Lena

841 Oden Mary E Mrs

843 Ward Shirley M 625-5135

845 Jackson Monzola V Mrs 623-5776

847 Mc Fadden Gladys Mrs 622-1999

CHICAZOLA BEGINS

855 Daniel Debra 622-3291

857 Perkins Claudia L

859★Rodgers D Mrs

861 Scott Blanche E Mrs 623-3069

863 Lovick Charles H 623-2426

865 Clark Willie M 623-2307

867 Josey James C 622-1529

869 Lane Gloria C Mrs

871 Enoch James 622-7278

873 King Geraldine Mrs

CHAPEL INTERSECTS

901 Walden Joyce E 627-0468

903★Davis Patrica

905 Young Ernestine

906 Vacant

907 Massey Josephine

908 Sowards Twenty Four Mini Mart gro

909 Williams Lillian E Mrs 622-0585

910a Kernie Geo

910b Boone Geo D

911 Mc Intyre Margt A Mrs 625-1885

912 Harold Rebecca B

912a Graham Jacqueline

913 Brown Aretha E Mrs

915 Duynes Sharon

917 Sawyer Lillie H

919 Knox Pauline M Mrs 623-7004

921 Wilson Saml J 622-1444

923 James Melvine M Mrs 622-1740

LANDING INTERSECTS

925 Rome Everdine C Mrs 625-6454

927★Carlies June 627-6682

929 Harris Mary K Mrs 627-6811

930 Holiday Inn Central 622-2361

E VIRGINIA BEACH BLVD 1981

933 Fauntleroy Regina M 622-3680
935 Nixon Cecil
937 Smitherman I Yona Mrs 623-1237
939 Connor Fannie 626-0888
941 Bolden Jeanette R Mrs 627-2779
943 Blunt Rosa L 622-3493
945 Walker Shelia L
947 Fluehler Ernestine 622-4208
949 Brown Elouise 623-6864
951 Cooper Mary C 627-0050
953 Edwards Mary J 625-7578
955 Taylor Cozella B Mrs 622-4168
957★Barner Henry A
959 Rodgers Jean
961 Mc Intosh Pearlle M 623-7919
963 Clary Melvin L 627-2460

18**TIDEWATER DR INTERSECTS**

1040 Virginia Periodical Distrs (Rear Ent)

DOLPHIN ENDS**COOKE AV INTERSECTS**

1100 M & B Of Norfolk Inc garment hangers
625-2473

Taylor Salt & Chemical Co Inc 625-0571

22

E VIRGINIA BEACH BLVD

1976

817★Mc Gee Annie
 819★Cherry Mattie
 820 Vacant
 821 Rogers John
 822 Hauley Inez
 Vacant
 823 Brimmer Virginia B Mrs 623-9914
 824 No Return
 825 Smith Robt L 623-9101
 826 Salisbury Kelly L 627-5392
 827 Morris Carolyn
 828 Hunt Lucy M Mrs 622-0096
 829 Baker Mary E 627-1505
 830★Bishop Amos
 831 Mc Kinney Alvin 627-3164
 832 Pankey Margt L Mrs 622-0384
 833 Lockett Bessie W Mrs 623-2524
 834 Dunston Percy 622-0284
 835 Robinson James
 836 Warren Calvin
 837 Davis Eartha H Mrs 627-8042
 838 Farrow Jack R 627-2809
 839 Byrd Lena H Mrs
 841 Pope Mable S Mrs 627-1148
 843 Ward Shirley A 625-1883
 845 Jackson Monzola V Mrs 623-5776
 847 Holloway Evelyn 623-7971
 CHICAZOLA BEGINS
 854 Vacant
 855 Daniel Debra
 857 Perkins Claudia 622-4028
 858★Collins Earl
 859 Kemp Barbara F Mrs 627-0072
 860★Brickhouse Diane
 861 Scott Blanche E Mrs 623-3069
 862 Harris Ferdinand
 863 Rodgers Edna L Mrs 625-6612
 864 Mc Cray Elma S 622-2595
 865 Spell Estella M Mrs 622-4052
 866 Amy James R 622-0469
 867 Smith Marshall J 625-4975
 869★Riddick Julia
 870★White Willie
 ★River Arth 623-0851
 871 Nelson Shirley S Mrs 623-9424
 872 Bugg Roy W
 873 King Geraldine Mrs 622-5427
 874 Budds Roy
 Sparrow Reginald 623-4208
 876 Smith Corine H Mrs
 878 Gregory Alice W
 880 Delk Elsie
 882★Whitehurst Margarite
 884 Jefferson Irene 623-4536
 886 Moore Arth
 888 Walker Herman L 625-2079
 CHAPEL INTERSECTS
 901 Mitchell Randolph 622-5541
 903 Hassell Sandra P Mrs
 905 Young Ernestine Mrs
 906 Vacant
 907 Fry Mary P Mrs 623-1432
 908 Jarvis Sanitary Barber Shop 625-9218
 909 Williams Lillian E Mrs 622-0585
 910★Kernie Geo
 911 Mc Intyre Margt A Mrs 627-4669
 912 Jones Nathl M
 Brown Danl L
 913 Brown Aretha E Mrs
 915 Duynes Sharon 623-7438
 917 Sawyer Lillie H
 919 Knox Pauline M Mrs 622-6365
 921 Wilson Anne M Mrs
 923★James Melvina B Mrs 622-1740
 LANDING INTERSECTS
 925★Rome Sam R
 927★Ecton Josephine
 929 Harris Mary K Mrs 627-6811
 930 Holiday Inn Of Norfolk (Midtown)
 622-2361
 933 Fauntleroy Regina
 935 Edwards Betty A Mrs 627-1063
 937 Smitherman I Yona Mrs 623-1237
 939 Williams Ethel M Mrs
 941 Bolden Jeanette R Mrs 627-5900
 943 Blount Rosa L 623-8889
 945 Brewer Delores W Mrs
 947★Lowery Gwendolyn H
 949 Brown Louise 623-6864
 951★Walker Cynthia C 627-9167
 953 Vacant
 955 Taylor Cozella B Mrs
 957 Bond Mary L Mrs 627-4032
 959★Rodgers Jean 623-6223
 961 Mc Intosh Pearlle M 623-7919
 963 Coles Clarence 623-7472
 TIDEWATER DR INTERSECTS
 1040 Virginia Periodical Distrs (Rear Ent)
 DOLPHIN ENDS
 COOKE AV INTERSECTS
 1100 M & B Of Norfolk Inc garment hangers
 625-2473
 Taylor Salt & Chemical Co Inc 625-0571
 MAY AV INTERSECTS
 CECELIA ENDS
 1233 Vacant
 1235 Virginia Beach Grocery The 625-5801
 1241 Neighborhood Beauty Salon 625-6115
 HANSON AV INTERSECTS
 1261a Scott Leroy 627-8917
 1261b Olds Eva J
 1265a Lee Joseph
 1265b Nicholes Elbert
 1275 Parker Katie F Mrs © 625-7148
 MALTBY AV INTERSECTS
 1317 Coleman Louise Mrs © 625-6308
 1319 Barnes Cleveland © 622-2567
 RESERVOIR AV INTERSECTS
 1401 Queen Ernestine R Mrs © 627-7855
 1403 Bunch Velma C Mrs © 622-9849
 1405 Mann Julia A Mrs © 622-5934
 1411 Winder Blanche S Mrs 623-7423
 1415a★Turner Mildred
 1415b Vacant
 MARSHALL AV INTERSECTS
 1517★Jarvis Ruben ©
 1519 No Return
 1521 Green Charles 627-9383
 1523 Gibbs Deloris C
 1525★Mc Kesson Imogene ©
 1539★Wilson Cleo
 PARK AV INTERSECTS
 SECTION BEGINS
 COVENANT ST ENDS
 MARATHON AV ENDS
 2323 Bond Heights Townhouse
 A5★Nixon Martha
 A6★Louson Roy
 A7★Darden Mary Mrs
 A8★Riddick Thelma Mrs 623-0900
 B1★Euring Paul
 B2★Wideman Grace Mrs
 B3★Hunter Cleveland
 B4★Bowe Frank
 2401 Watson Wm A © 627-0586
 2405 Clark Carl W Jr © 627-9483
 2409★Stepney Christine Mrs 623-9718
 2411 Jackson Hermione W Mrs © 625-3554
 2412 Cogie Memorial Home For The Elderly
 622-2513
 Carter Russell H phys 622-8545
 Garnette Thos dentist
 Cogie Boutique gift shop 627-7063
 Apartments
 2a Boyd Freeman
 2b Hicks Lititia 625-3497
 2c Benton Beatrice 622-2140
 2d Biven Wm
 2e Williams Abe 623-5245
 2f★Johnson Lucille 627-8949
 2g Howard Willie
 2h Smith John H
 2j Simmons Maggie 625-3327
 2k Bond Willie 622-4577
 2l★Clemmon Lula 627-8835
 2m★Bray Gertie 625-5707
 2n Edward Ruth 623-5498
 2o Vacant
 2p Thatch Ardean
 3a Green Copa 627-9383

E VIRGINIA BEACH BLVD 1971

829 Baker Linwood
830 Smith Willie
831 Mc Kinny Alvin
832 Pankey Margt L Mrs 622-0384
833 Lockett Bessie W Mrs 623-2524
834 Dunston Percy
835 Robinson James
836 Warren Calvin
837 Davis Eartha H Mrs 627-2719
838 No Return
839 Vacant
841 Pope James H
843 Howard Eliz Mrs 625-3596
845 Jackson Monzola V Mrs 623-5776
847 Mattocks James H 622-0748
848 Hawkins Grocery 625-8905
CHICAZOLA BEGINS
854 Williams Cherry B furn rooms
855 Tynes Hattie R Mrs
856 Byrd Jo Ann S Mrs 623-5576
857 Perkins Dorothy T Mrs
858 Hudgins Cath J Mrs 623-5620
859 Kemp Barbara F Mrs 623-9862
860 Hall Willie
861 Scott Blanche E Mrs 623-3069
862 White Daisy Mrs 627-7523
863 Rodgers Edna L Mrs
864 Mc Cray Maceo 622-6716
865 Spell Estella M Mrs
866 Amy James R 622-0469
867 Smith Marshall J 625-4975
869 Riddick Julia J Mrs 622-0754
870 Rivers Arth
Hyrde Margt Mrs
871 Nelson Shirley Mrs 623-9424
872 Bugg Roy W
873 King Geraldine T Mrs 622-5427
874 Edwards Julius
Sparrow Reginald 622-3741
876 Smith Corine H Mrs
878 Hood Alice W Mrs
880 Banks James W
882 Smith Ethelene T Mrs 623-6854
884 Jefferson Irene
886 Moore Arth

E VIRGINIA BEACH BLVD 1971

888 Tillett Amos 623-2112
CHAPEL INTERSECTS
901 Long Bessie L Mrs 627-0167
903 Hassell Sandra P Mrs
905 Young Earnestine Mrs 623-8541
906 Jarvis Sanitary Barber Shop 625-9218
907 Fry Mary P Mrs 623-1432
908 M & C Snack Bar 623-7170
909 Williams Lillian E Mrs 622-0585
910 Cowell Robt M 627-6728
Dixon Henry 623-8251
911 Mc Intyre Margt A Mrs 627-5104
912 Jones Nathl M
Brown Danl L
913 Brown Aretha E Mrs
915 Phillips Geo L
917 Bagby Pinky A Mrs 622-3186
919 Knop Pauline M Mrs 622-8385
921 Wilson J Saml 622-1444
923 Marrow Julia
LANDING INTERSECTS
925 Payton Nathan T 622-6882
927 Carlies Eleanor Mrs
929 Hughes Flossie J Mrs 625-2104
930 Holiday Inn Of Norfolk (Midtown)
622-2361
931 Dailey Lillie M Mrs 622-5867
933 Vacant
935 Edwards Betty A Mrs 623-0528
927 Smitherman Janice I Mrs nurse
623-7100
939 Bray Ethel M Mrs
941 Bolden Jeanette R Mrs 627-5900
943 Nimmo James 623-6233
945 Brewer Delores W Mrs 625-0892
947 Williams Charlie Jr 623-2656
949 Staton Carl
951 Saunders Mattie Mrs
953 Augson Cottie M Mrs
955 Taylor Cozella B Mrs
957 Bond Mary L Mrs
959 Hardy Pearl W Mrs
961 Askew Juanita Mrs
963 Vines Sandra B Mrs 627-7802

18

TIDEWATER DR INTERSECTS
1040 Prestige Spring Corp mfrs 622-4318
DOLPHIN ENDS
COOKE AV INTERSECTS
1100 M & B Of Norfolk Inc garment
hangers 625-2473
Taylor Salt & Chemical Co Inc
625-0571

E VIRGINIA BEACH BLVD

1966

823 BRIMMER VIRGINIA MRS
824 BARNES WILLIAM
825 PERKINS DOROTHY T MRS 623-4932
826 WILLIS CATHERINE C 623-7158
827 BAKER LINWOOD 622-9484
828 HUNT LUCY P MRS MA7-6192
829 BAKER LINWOOD
830 HARRELL ELSIE E MRS
831 MC KINNY ALVIN
832 PANKEY MARGT L MRS
833 LOCKETT BESSIE 623-2524
834 DUNSTON PERCY
835 BOYD WM A
836 HAVERY PLYMOUTH
837 DAVIS EARTHA 627-2719
838 HOLLEY ALLEY
839 MASON LENA B MRS

E VIRGINIA BEACH BLVD

1966

VIRGINIA BEACH BLVD--CONTD

840 VACANT
 841 WALKER CLARENCE 625-4392
 843 HOWARD ELIZ MRS 625-3596
 845 BRIMLEY LESLIE
 847 MATTOCKS JAMES L 627-5831
 848 HAWKINS GROCERY MA5-8905
 ---CHICAZOLA BEGINS
 854 WILLIAMS WM E REV • 623-7057
 855 FISHER HATTIE MRS MA3-4711
 856 WILKINS GEO MA2-6741
 857 SMITH ROBT L
 858 SKINNER ALBERT
 859 COLES LEOLA MRS 625-8067
 860 HALL WILLIE
 861 SCOTT BLANCHE E MRS
 862 WHITE DAISY MRS
 863 SUTTON ROBT
 864 HARRIS WILLIE
 865 WILLIAMS THOS E
 866 AMY JAMES R MA2-0469
 867 FENTRESS MERKEY
 869 RIDDICK JULIA J MRS MA2-0754
 870 WALKER JOHN R
 WALTON CORA MA3-9203
 871 MARKS ALBERT T
 872 HARRIS LOUISE MRS
 SPRUILL ROY W
 873 KING GERALDINE MRS
 874 EDWARDS JULIUS
 SPARROW REGINALD
 876 SMITH CORINE H MRS
 878 HOOD ALICE W MRS
 882 SANDERS O'B EY MA2-8514
 884 JEFFERSON IRENE
 886 JOHNSON JAMES
 888 MOORE ARNETTE J MRS • 623-7832
 ---CHAPEL INTERSECTS
 901 LONG BESSIE L MRS 627-0160
 903 POWELL MARY MRS
 905 YOUNG EARNESTINE MRS
 906 JARVIS SANITARY BARBER SHOP
 MA5-9218
 907 KNIGHT LOTTIE A MRS
 909 WILLIAMS LILLIAN E MRS MA2-0585
 910 FONVILLE WM
 DIXON HENRY MA7-2242
 911 GREGORY MATTIE L MRS
 912 JONES NATHL M
 SMITH ELIHU
 913 BROWN ARETHA E MRS
 915 NO RETURN
 917 BAGBY PINKY A MRS MA2-3186
 919 SPRUILL LENA
 921 WILSON J SAML
 923 MARROW JULIA
 ---LANDING INTERSECTS
 925 PAYTON NATHAN T
 927 CARLIES ELEANOR MRS 623-7434
 929 DUDLEY WM MA7-4157
 931 DAILEY LINDA M MRS
 933 ALLMOND RUTH V MRS MA7-7968
 935 SMITH ANDREW M
 937 AUGHBURNS ERNEST L
 939 SPRUILL JAMES A
 941 BOLDEN JEANETTE R MRS
 943 JOHNSON ELIZ H MRS
 945 EDMONDSON ANNIE H MRS 623-9162
 947 WILLIAMS CHARLIE JR
 949 STATEN CARL L
 951 SAUNDERS MATTIE MRS 623-2334
 953 RUSSELL CLARENCE N MA5-3393
 955 DE LOUTCHE DELORES MRS
 957 BOND MARY
 959 HARDY EMMETT
 961 WILLIAMS JOSEPH B
 963 VINES LLOYD E 627-7802
 ---TIDEWATER DR INTERSECTS
 18
 ---BYNUM ENDS
 1040 PARAMOUNT BEDDING CORP MFRS
 MA2-7373
 ---DOLPHIN ENDS
 ---COOKE AV INTERSECTS
 1100 NATIONAL WIRE HANGER
 MANUFACTURING CO INC 625-0571
 TAYLOR SALT & CHEMICAL CO INC
 625-0571

E VIRGINIA BEACH BLVD 1964

524

710 BELL LUCY J MRS
BOWE ERNEST MA5-5053
713 BOWE JESSE JR
714 FREEMAN FLORENCE H MRS •
MA7-0754
CRUMP NELLIE
716 EDWARDS ANNIE W MRS
WATSON MARION MA2-3114
718 CUFFEE LINWOOD C
FRIEISON PHILLIP
720 POWELL JULIA K MRS
SPARKS GOODMAN
722 PHILLIPS CHARLIE
724 HOWARD EARL
726 BRAY'S RADIO & TV 627-0676
---WIDE INTERSECTS
800 NEW CALVARY BAPTIST CHURCH
MA7-1269
804 WILLIAM LEON H
803 SIMPSON HERBERT JR MA5-3004
805 SPRATLEY GENE
807 LEWIS GEO W
809 ALLEN LOUISE MRS MA3-4602
811 LINGEAR JOHNNIE E
813 CLEMENTS JOHN R
815 WOODSON DOCK MA3-6834
817 LEE WILLIE L JR MA2-6116
819 MORGAN GERALDINE MRS
820 POWELL JACK MA2-7818
WALKER JAMES I
821 ROGERS JOHN
822 GALLOP BRIGHT
JOYNER CURTIS
823 BRIMMER VIRGINIA MRS
824 BARNES WILLIAM
825 PERKINS DOROTHY T MRS 623-4932
827 BAKER LINWOOD 622-9484
828 HUNT LUCY P MRS MA7-6192
829 DEAN HAROLD D
830 HARRELL ELSIE E MRS
831 VACANT
832 PANKEY MARGT L MRS
833 HOLLOWAY MARGT
834 DUNSTON PERCY
835 BOYD WM A
836 HAVERY PLYMOUTH
837 DAVIS EARTHA 627-2719
838 BUGG WILLIE R
839 ALLEN GRACIE W MRS
840 DIGGS LOTTIE J MRS
841 WALKER CLARENCE
843 ARTIS JOSEPH L
845 BURGESS FRED M
847 SMITH LLOYD G REV MA5-7286
848 HAWKINS GROCERY MA5-8905
---CHICAZOLA BEGINS
852 MARSHALL RAMBLER INC AUTO DLRS
428-5991
854 WILLIAMS WM E REV 623-7057
855 FISHER HATTIE MRS MA3-4711
856 BENNAMON JODIE J MRS MA2-6741
857 MATTOCKS JAMES H
859 ALLMOND JOSEPH C MA2-9569
861 SCOTT BLANCHE E MRS
862 WHITE DAISY MRS
863 SUTTON PHYLLIS MRS
864 HARRIS WILLIE
865 WILLIAMS THOS E
866 AMY JAMES R MA2-0469
867 LAWSON ELZINA M MRS
869 RIDDICK JULIA J MRS
870 WALKER JOHN R
WALTON CORA MA3-9203
871 MARKS ALBERT T
872 BROWN ALBERT
CRADLE MECEIO
873 CAIN GERALDINE MRS
874 EDWARDS JULIUS
SPARROW REGINALD
876 SMITH CORINE H MRS
878 HOOD ALICE W MRS
882 SANDERS O'BAY MA2-8514
884 JEFFERSON IRENE
886 JOHNSON JAMES
888 MOORE DAVID L • 623-9703
---CHAPEL INTERSECTS
901 GASTON JAMES 622-4472
903 MC RAE EDW L

905 YOUNG CHRISTINE MRS
906 JARVIS SANITARY BARBER SHOP
MA5-9218
907 HUNTER OSBORNE K 625-1865
909 WILLIAMS LILLIAN E MRS MA2-0585
910 FONVILLE WM
DIXON HENRY MA7-2242
911 GREGORY MATTIE L MRS
912 JONES NATHL M
LEE WM
913 MASSEY JOHN M
915 HAWKINS GENE
917 BAZBY PINKY A MRS MA2-3186
919 SPRUILL LENA
921 WILSON J SAML
922 JORDAN JOHNNIE
923 MARROW JULIA
---LANDING INTERSECTS
925 PAYTON NATHAN T
927 BURGESS KING W
929 DUDLEY NAOMI M MRS MA2-6730
931 DAILEY LILLIE M MRS
933 ALLMOND RUTH V MRS MA7-7968
935 WOOD RUTH V MRS
937 AUGHBURNS ERNEST L
939 SPRUILL JAMES
941 BOLDEN COLON R
943 JOHNSON ELIZ H MRS
945 SPRUILL SUSAN A MRS
947 PORTER HERBERT E
949 GORDON HARRY
951 SAUNDERS MATTIE MRS MA7-9474
953 RUSSELL CLARENCE N MA5-3393
955 DE LOUTCHE DELORES MRS MA3-2933
957 NO RETURN
959 HARDY PEARL
961 WILLIAMS JOSEPH B
963 VINES LLOYD E 625-7342
---TIDEWATER DR INTERSECTS
18
---BYNUM ENDS
1040 PARAMOUNT BEDDING CORP MFRS
MA2-7373
---DOLPHIN ENDS
---COOKE AV INTERSECTS
1100 NATIONAL WIRE HANGER
MANUFACTURING CO INC 625-0571
TAYLOR SALT & CHEMICAL CO INC
625-0571
28
---MAY AV INTERSECTS
1180 GENERAL DYNAMICS CORP LIQUID
CARBONIC DIV MA2-6694
1202 ENSLEY WM H
HARRIS FRANK
1206 PITTMAN ADA MRS
1208 BRITT RONSETTA B MRS
YATES VASIE L
1210 BECKETT VATELLE E
WHITEHURST ELSIE V MA2-0172
1212 VACANT
1214 FELTON AZELIA
1214A CALERO PETE C
1214 JONES ETHEL P MRS
1222 DAILEY MANUEL R • MA5-8027
DAILEY MADELINE S MRS NURSE
---CECELIA ENDS
1224 JORDAN ROBT
1224B STINSON DAVID L MA7-0332
1228 JORDAN POP BUILDING THE
MA7-7128
THIRD FORCE BOYS CLUB MA7-0691
VIRGINIA'S THIRD FORCE ORG
627-0691
JORDAN JOSEPH A JR LWYR
627-7128
WOMEN OF VIRGINIA'S THIRD
FORCE MEETING RM
1233 WILLIAMS WESTLEY • 625-2241
1235 VACANT
1236 ESCOE THOS FURN RMS
1238 PORTER ANNIE M MRS • MA7-1505
1240 WASHINGTON MAURICE E •
1241 NEIGHBORHOOD BEAUTY SALON
1242 HARVEY ANNIE MRS •
1246 ANTHONY ALBERTA J MRS •
MA3-7549

Appendix E

Agency File Records



Department of Environmental Quality

Freedom of Information Act Request Form

Did you know the information you are looking for may already be online? We have compiled a list of the most frequently requested FOIA items. Please take a moment to review this resource prior to submitting a request.

[Online FOIA Resources](#)

Requestor Information

Name

Alexis Holcomb

Company

SCS Engineers

Complete Address:

Street

2877 Guardian Lane, Suite 1-F

City

Virginia Beach

State

VA

Zip Code

23452

Office Phone

+1 (757) 201-9264

Cell Phone

E-mail Address

aholcomb@scsengineers.com

Requested Site Information

Facility Name (if applicable)

Former Red Carpet Inn

Former Name/Owner (if applicable)

Complete Address:

*Please Note: DEQ is unable to search latitude/longitude, parcel or tax ids, radii, or adjacent properties without an address. To add **multiple addresses**, please use the plus (+) and minus (-) buttons below.*

Street (Required)	City	Zip Code	
930 East Virginia Beach Blvd.	Norfolk	23504	<div>+</div> <div>-</div>
825 Goff Street	Norfolk	23504	<div>+</div> <div>-</div>

Additional Information: List each property individually and include the PC#, IR#, Facility ID, Permit #, EPA ID#, or adjacent properties if known.

825 Goff St: Facility 5022292

What Date Range is this request for?

☐ Last 12 Months ☐ Last 5 years ☒ 1978 to 2019

Requested Information

Please be specific as possible in describing the information you are requesting.

UST closure documentation, initial abatement reports and/or site characterization reports if available, any associated PC case files and associated closure documentation

Please provide past history and current usage of property. Any information is helpful. (Example: private residence, undeveloped land, current operating business, former business, industrial property, etc.)

past use of 930 E VB Blvd is commercial, currently vacant. No database records.

*Depending on the form and/or volume of information available, there may be charges for your request. If a potential charge applies, you will be contacted prior to request fulfillment.

Where to Send This Form

To determine where your request should be submitted, select either the DEQ regional office where your site(s) is located, Central Office or entire state to include multiple locations.

Tidewater

To submit this FOIA request for one of the counties/cities below, please email this form to trofoias@deq.virginia.gov. Questions about your request can be answered by calling (757) 518-2000 ext. 0.

Counties: Accomack, Isle of Wight, James City, Northampton, Southampton and York

Cities: Chesapeake, Franklin, Hampton, Newport News, Norfolk, Portsmouth, Poquoson, Suffolk, Virginia Beach and Williamsburg

For more information on DEQ Locations, please visit <http://www.deq.virginia.gov/locations.aspx>.



COMMONWEALTH of VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Richard M. Burton
Director

Water Regional Office
287 Pembroke Office Park
Pembroke 2, Suite 310
Virginia Beach, Virginia 23462
(804) 552-1840

Larry S. McBride
Regional Director

May 11, 1993

Tom Leggett
Director of Central Maintenance
Norfolk Redevelopment and Housing
Authority
P.O. Box 968
Norfolk, Virginia 23501

RE: Underground Storage Tank (UST) Notification of Permanent Closure
Facility/Location: Hunter's Square Mid-rise, 825 Goff Street, Norfolk
Tank #: 1 (10,000-gallon heating oil)

Dear Mr. Leggett:

Thank you for submitting to the Department of Environmental Quality (DEQ) your amended UST notification form and supporting information documenting the permanent closure of your tank.

The laboratory results for total petroleum hydrocarbons (TPH) attached to the notification form indicate that there is little or no contamination at the site. Therefore, no further action is required at this time. Be advised that should environmental problems develop in this area in the future, additional testing and corrective actions may be required in accordance with applicable state and federal regulations for Underground Storage Tanks and their closure.

If you have any questions regarding this matter, please contact me at (804) 552-1156.

Sincerely,

LeAnn Moran
Geologist
Ground Water Section

cc: file-ref DEQ CLS-0718 (Fac ID 5-022292)

VIRGINIA WATER CONTROL BOARD - UST PROGRAM
2111 NORTH HAMILTON STREET
RICHMOND, VIRGINIA 23230

I.D. Number

STATE USE ONLY

5-022292

Date Received

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, or that have been brought into use after May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—
(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances; and
(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks 5,000 gallons or less capacity used for storing heating oil for consumptive use on the premises where stored;

3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;

5. surface impoundments, pits, ponds, or lagoons;

6. storm water or waste water collection systems;

7. flow-through process tanks;

8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;

9. storage tanks situated in an underground area (such as a basement, cellar, mine-working, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

1

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

NORFOLK REDEVELOPMENT & HOUSING AUTHORITY

Street Address

201 GRANBY MALL

County

NORFOLK

VA

23501

City

804

623-1111

State

ZIP Code

Area Code

Phone Number

Type of Owner (Mark all that apply ☒)

☒ Current

☐ State or Local Gov't

☐ Private or Corporate

☐ Former

☐ Federal Gov't (GSA facility I.D. no.)

☐ Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable

HUNTERSQUAD APT JAC-19

Street Address or State Road, as applicable

825 GOFF ST.

County

NORFOLK

VA

23510

City (nearest)

State

ZIP Code

Indicate number of tanks at this location

1

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands ☐

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here ☐)

W. C. HUANTES

Job Title

SUPV. ENGN & ENERGY MANAGEMENT

Area Code

804

Phone Number

623-1111 EXT 358

IV. TYPE OF NOTIFICATION

☒ Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

Signature

Date Signed

CONTINUE ON REVERSE SIDE

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)					
Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No.	Tank No.	Tank No.	Tank No.
1. Status of Tank (Mark all that apply <input checked="" type="checkbox"/>) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2. Estimated Age (Years)	14				
3. Estimated Total Capacity (Gallons)	10,000				
4. Material of Construction (Mark one <input checked="" type="checkbox"/>) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____
5. Internal Protection (Mark all that apply <input checked="" type="checkbox"/>) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____
6. External Protection (Mark all that apply <input checked="" type="checkbox"/>) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____
7. Piping (Mark all that apply <input checked="" type="checkbox"/>) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply <input checked="" type="checkbox"/>) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify c. Hazardous Substance Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input checked="" type="checkbox"/> if tank stores a mixture of substances d. Unknown	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> #2 Fuel Oil <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input checked="" type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	8/92 0 <input checked="" type="checkbox"/>	/	/	/	/

LABORATORY: TRACOR TECHNOLOGY RESOURCES
CLIENT: Norfolk Redevelopment & Housing Authority
SAMPLE MATRIX: Soil
SAMPLING LOCATION: 825 Goff Street, Norfolk
DATE REC'D: 26 August 1992

<u>SAMPLE I.D.</u>	<u>TAL LOG #</u>	<u>Total Petroleum Hydrocarbons, mg/kg</u>
Soil sample from 10000 gal fuel tank filled w/ slurry	92-10426	<1.0

< = less than



City of Norfolk

Department of Fire

FIRE PERMIT FOR REMOVAL OR FILLING OF UNDERGROUND TANKS

Location: Hunter's Square Mid-rise
825 Goff Street

Date: July 6, 1992

Pursuant to section F-2800.2.1 of the Norfolk Fire Prevention Code permissions is hereby granted to

NRHA

to remove underground flammable and combustible liquid tanks. The removal of said tanks shall be done in a workmanlike manner with due regard for public safety.

In addition to the requirements of the Norfolk Fire Prevention Code, all applicable city, state and federal laws shall be followed.

1 - 10,000 gallon heating oil

Carl H. Welch _{m/lg}

Fire Marshal

Fire Inspector is to be notified when tanks are being removed.

*In order for the tank to be filled, it must be closer than 10 feet to the building foundation.

NRHA

Norfolk Redevelopment
and Housing Authority

September 14, 1992

Russell P. Ellison, III, P.G.
Virginia Water Control Board
P.O. Box 11143
Richmond, Virginia 23230-1143

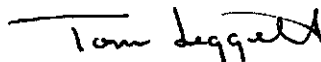
REFERENCE: (A) Form OMB No. 2050-0049 Previous Condition
(B) Form OMB No. 2050-0049 New Condition.
(C) Soil Laboratory Report for Huntersquare VA6-19
(D) Fire Dept. Permit for Huntersquare Midrise,
(E) Huntersquare Midrise Dwg. showing location of
tank and soil sample area.

Dear Sir:

The attached enclosures (A) through (E) are hereby submitted to comply with the above referenced Recovery Act. One 10,000 gallon fuel oil tank has been closed with a concrete slurry at Huntersquare Midrise Apartment, VA6-19. The information as submitted on the forms and etc. has been filled out to the best of my knowledge.

If you have any further questions in regard to the above information, please do not hesitate to call.

Sincerely,



Tom Leggett
Director of Central Maintenance



DEQ Tracking Number: 5-022292

Date: 4/21/11

Document/Object Not Scanned

Check Type:



Oversized diagram/map

☐

Color Photos

☐

Black & White Photos

☐

Slides

☐

Other - Description: _____

Document Illegible and Non-correctible

Check Type:

☐

Large highlighted area in document that can not be corrected by either copying the page (s) or changing scanner property settings:

Description of document: _____

Description of highlighted area: _____

☐

Illegible text/pages/photos/other in document:

Description of document: _____

Description of illegible text/pages/photos/other in document: _____

☐

Other - Description: _____

Holcomb, Alexis

From: noreply@civicplus.com
Sent: Thursday, July 11, 2019 2:20 PM
To: Holcomb, Alexis
Subject: Online Form Submittal: FOIA Request

FOIA Request

Rights of Requesters & Responsibilities of the City under the Virginia Freedom of Information Act

The Virginia Freedom of Information Act (FOIA), located § 2.2-3700 et seq. of the Code of Virginia, guarantees citizens of the Commonwealth and representatives of the media access to public records held by public bodies, public officials, and public employees. There are three forms: general city records, public safety records and records/recordings related to 911 calls.

For details about your rights, potential cost of records and timeline see [Rights of Requesters & Responsibilities of the City](#)

PURSUANT TO VIRGINIA CODE §2.2-3704(F), IT WILL BE NECESSARY FOR YOU TO REIMBURSE THE CITY FOR ALL COSTS INCURRED IN THE PRODUCTION OF THESE RECORDS.

Date of Request	7/11/2019
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Individual Requesting Information

Full Name	Alexis Holcomb
-----------	----------------

Company (if applicable)	SCS Engineers
-------------------------	---------------

Address	2877 Guardian Lane, Suite 1-F
---------	-------------------------------

City	Virginia Beach
------	----------------

State	VA
-------	----

Zip	23452
-----	-------

Please provide an email address for the most efficient service and speedy delivery of your requested records	aholcomb@scsengineers.com
--	--

Telephone (Home)	Field not completed.
------------------	----------------------

Telephone (Work)

757-201-9264

(Section Break)

Records Requested (Provide as much detail as available):

Date(s)/Time(s) of
Record(s) (Ex.
01/01/2012 at 3:45 p.m.)

Field not completed.

Detailed Description of
Request

We are requesting information relating to the parcel addressed as 930 East Virginia Beach Blvd. (PIN No. 1437388630) in Norfolk. Specifically, we are looking for any files on septic systems, water supply wells, reports of spills/releases of hazardous materials, lead-based paint, on-Site waste disposal, ionizing radiation/radon surveys, emergency response actions related to environmental issues, and/or any other records that may indicate that these properties have been adversely impacted from an environmental perspective. Any previous environmental reports (Phase I or II ESAs) would also be appreciated.

July 12, 2019

Alexis Holcomb
SCS Engineers
2877 Guardian Lane, Ste. 1-F
Virginia Beach, VA 23452

Re: Freedom of Information Act Request by Alexis Holcomb for 930 E. Virginia Beach Blvd.
(PIN No. 1437388630).

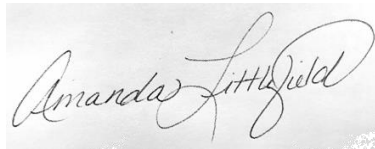
Our file number 2017-0748

Dear Ms. Holcomb:

We have received your request for records made in accordance with the Virginia Freedom of Information Act (§ 2.2-3700 et seq.). The City has no records responsive to your request.

Thank you for contacting this office.

Sincerely,

A handwritten signature in black ink that reads "Amanda Littlefield". The signature is written in a cursive, flowing style.

Amanda Littlefield
Public Information Specialist

Holcomb, Alexis

From: Holcomb, Alexis
Sent: Thursday, July 11, 2019 2:29 PM
To: questions@vdh.virginia.gov; population.health@vdh.virginia.gov
Subject: Information Reqeust

Good afternoon,

We are requesting information relating to the parcel addressed as 930 East Virginia Beach Blvd. (PIN No. 1437388630) in Norfolk. Specifically, we are looking for any files relating to any septic systems, water supply wells, reports of spills/releases of hazardous materials, lead-based paint, on-Site waste disposal, ionizing radiation/radon surveys, emergency response actions related to environmental issues, and/or any other records that may indicate that these properties have been adversely impacted from an environmental perspective.

Thanks,

Alexis Holcomb
Project Professional

2877 Guardian Lane
Suite 1-F
Virginia Beach, Virginia 23452
Direct: (757) 201-9264
Office: (757) 466-3361
aholcomb@scsengineers.com
www.scsengineers.com

Holcomb, Alexis

From: Grefe, Norman <norman.grefe@vdh.virginia.gov>
Sent: Thursday, July 11, 2019 4:54 PM
To: Questions, rr; Frederick (VDH) White; Kisha King
Cc: Holcomb, Alexis; population.health@vdh.virginia.gov; Demetria Lindsay
Subject: Re: Information Reqeust

Thank you for your inquiry. I'm forwarding your message to Frederick White, EH Office Services Supervisor, for follow-up.

Respectfully,
Norm

On Thu, Jul 11, 2019 at 4:52 PM Questions, rr <questions@vdh.virginia.gov> wrote:

Ms. Holcomb,

I am forwarding your FOIA request via cc: here to Norman Grefe, Environmental Health Manager, and Dr. Demetria Lindsay, Director, of the Norfolk Health District, for their direct response to you.

Cathy Peppers

On Thu, Jul 11, 2019 at 2:28 PM Holcomb, Alexis <AHolcomb@scsengineers.com> wrote:

Good afternoon,

We are requesting information relating to the parcel addressed as 930 East Virginia Beach Blvd. (PIN No. 1437388630) in Norfolk. Specifically, we are looking for any files relating to any septic systems, water supply wells, reports of spills/releases of hazardous materials, lead-based paint, on-Site waste disposal, ionizing radiation/radon surveys, emergency response actions related to environmental issues, and/or any other records that may indicate that these properties have been adversely impacted from an environmental perspective.

Thanks,

Alexis Holcomb

Project Professional

SCS ENGINEERS

2877 Guardian Lane

Suite 1-F

Virginia Beach, Virginia 23452

Direct: (757) 201-9264

Office: (757) 466-3361

aholcomb@scsengineers.com

www.scsengineers.com

--

Norman Greffe, MS
Environmental Health Manager
Norfolk Department of Public Health
Office: 757.683.2824
Mobile: 757.418.0147

Holcomb, Alexis

From: Holcomb, Alexis
Sent: Thursday, July 11, 2019 2:20 PM
To: firechief@norfolk.gov
Subject: Information Request: 930 E Virginia Beach Blvd.

Good afternoon,

We are requesting information relating to the parcel addressed as 930 East Virginia Beach Blvd. (PIN No. 1437388630) in Norfolk. Specifically, we are looking for any files on hazardous materials responses, fire incidents, and/or tank permits (installs or removals).

Thanks,

Alexis Holcomb
Project Professional

2877 Guardian Lane
Suite 1-F
Virginia Beach, Virginia 23452
Direct: (757) 201-9264
Office: (757) 466-3361
aholcomb@scsengineers.com
www.scsengineers.com



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

Richard M. Burton
Director

Water Regional Office
287 Pembroke Office Park
Pembroke 2, Suite 310
Virginia Beach, Virginia 23462
(804) 552-1840

Larry S. McBride
Regional Director

January 4, 1994

Dave Pearsall
ARA Services, Inc.
1108 Tidewater Drive
Norfolk, Virginia 23504

re: Closure Assessment, Initial Abatement Measures/Site Check Report, Soil
Disposal Information for a Suspected Release from an Underground
Storage Tank (UST)
Site Name/Location: ARA Services Magazine and Book Division, 1108
Tidewater Drive, Norfolk
Tracking Number: PC 94-0681

Dear Mr. Pearsall:

Thank you for providing the Department of Environmental Quality (DEQ) with the subject reports in response to a suspected release from a former UST at your facility. Based on this information and reported current site conditions, no further assessment or remedial action is necessary at these sites. However, should additional evidence of environmental contamination be discovered in the future, further assessment and remediation may be required.

If you have any questions regarding this matter, please contact me at (804) 552-1156.

Sincerely,

LeAnn Moran
Geologist
Ground Water Section

cc: DEQ-Water Div.-TRO-OECA
✓ File ref PC 94-0681

MEMO

Department of Environmental Quality Tidewater Regional Office

5636 Southern Boulevard, Virginia Beach, Virginia 23462

Subject: Site Visit
To: UST File 5-008486 *RSF*
From: Richard E. Fox, Jr., Petroleum Facility Inspector, Tidewater Regional Office (TRO)
Date: January 24, 2006
Copies:

Re: Facility Id #: 5-008486
Taylor Salt & Chemical Co Inc
1128 Cooke Avenue
Norfolk, VA 23504

On January 24, 2006, I conducted a site visit at the above-mentioned facility. Taylor Salt & Chemical Co Inc. is no longer in business. T. A. Sheets (Mechanical – General Contractor) is the current company on site. *I met with Mr. Tom Sheets of T. A. Sheets. I toured the site. Mr. Sheets said that he purchase the property 8 years ago. The gasoline UST on site is permanently out of use. There was no closure documentation available.*



MapPoint

1128 Cooke Ave,
Norfolk, VA 23504

US Naval Medical Center

Portsmouth

High St

©2005 Microsoft Corp. ©2004 NAVTEQ and/or GDT, Inc.

[illegible]

Virginia Department of Environmental Quality - Current Screen : Facility Registration, Database: CEDSPROD - Release: 10.06.03 Date: 02/07/2006... i-CEDS

File Edit View Print Record Help Window

Registration Facility Today Is: 02/07/2006

Registration ID: 5008486	CEDS ID: 200800067240	Current Name (if Different): T. A. Sheets
Registered Name: Taylor Salt & Chemical Co Inc		
CEDS Location:		# UST # AST PC Number
Physical Addr: 1128 Cooke Ave.		Total: 1 0
City: Norfolk		Active: 0 0
State: VA Zip: 23504	Phone:	County: Norfolk City
		Reports

General Facility Events Owners Inspections Tanks Compliance Activities

☒ Registered Total AST Capacity: 0 OCCP Number:

☐ Inspected But Not Registered Pollution Prevention Capacity:

Type: COMMERCIAL Latitude: Inspected

Other Type:

UST Notification Received: 04/23/1986

UST Notification Amended:

Comments:

Editor

Site visit 01/24/2006 reveal that the gasoline UST is permanently out of use. Taylor Salt & Chemical Co Inc is no longer in business. T. A. Sheets (Mechanical- General Contractor) is the current company on site. There was no closure documentation available, refox.

OK Cancel Search

Enter value for Comment:

Records: 1/1

Start Inbox - Microsoft 7530 Forms See Vets Microsoft Word Internet Explorer 4:20 PM

Virginia Department of Environmental Quality - Current Screen: Facility Registration, Database: CEDSPROD Release: 10.06.03 Date: 02/07/2006

Arden Edit Query Block Record Field Help Window

Registration Facility Today is: 02/07/2006

Registration ID: 5888496 CEDS ID: 20000067248

Registered Name: Taylor Salt & Chemical Co Inc

CEDS Location: 1128 Cooke Ave.

City: Norfolk

State: VA Zip: 23504 Phone: County: Norfolk City

Current Name (if Different): T. A. Sheets

	#UST	#AST	PC Number
Total:	1	0	
Active:	0	0	

Reports

General Facility Events Owners Inspections Tanks Compliance Activities

Owner Tanks

Sort On: ☐ Verification Source ☐ Owner ID ☐ Owner Tank # ☐ Tank Status ☐ Capacity
☐ Contents ☐ Tank Type ☐ Install Date ☐ Last Used Date

Verification Source	Owner ID	Tank #	Tank Status	Capacity	Contents	Tank Type	Install Date	Date Last Used
Ins Reg DM	21016	1	PERM OUT OF USE		GASOLINE	UST		

Registration Differences: CURR IN USE

Tank Comments: The UST is permanently out of use. Verified by 01/24/2006 site visit. refus

AST Tanks UST Tanks

Enter value for Phone

Record ID: 12

start Inbox - Microsoft 2530 Forms Site Visits Microsoft Word Internet Explorer 1:21 PM

Notification for Underground Storage Tanks

FORM APPROVED
OMB NO. 2050-0049
APPROVAL EXPIRES 6-30-88

FOR
TANKS
IN
VA

RETURN
COMPLETED
FORM
TO

Russell P. Ellison, III, P.G.
Virginia Water Control Board
P.O. Box 11143
Richmond, VA 23230-1143

(804) 257-6685

I.D. Number

STATE USE ONLY

8486

Date Received

APR. 29 1986

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances; and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10¢ or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;

2. tanks used for storing heating oil for consumptive use on the premises where stored;

3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;

5. surface impoundments, pits, ponds, or lagoons;

6. storm water or waste water collection systems;

7. flow-through process tanks;

8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;

9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

A.T. Taylor Estate Sovran Bank N.A.

Street Address

One Commercial Place

County

City State ZIP Code
Norfolk Virginia 23501

Area Code Phone Number

Type of Owner (Mark all that apply ☒)

☒ Current

☐ State or Local Gov't

☒ Private or Corporate

☐ Former

☐ Federal Gov't
(GSA facility I.D. no. _____)

☐ Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable

Taylor Salt & Chemical Co., Inc.

Street Address or State Road, as applicable

1128 Cooke Ave.

County

City (nearest) State ZIP Code
Norfolk, Va. 23504

Indicate number of tanks at this location

(1)

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands ☐

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here ☐)

Kathryn E. Robbins

Job Title

President

Area Code

Phone Number

(804)-625-0571

IV. TYPE OF NOTIFICATION

☐ Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

Sovran Bank Trustee w/ A.T. Taylor

Signature

Ralph H. Park Senior Vice President

Date Signed

4/28/86

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. (1)	Tank No.	Tank No.	Tank No.	Tank No.
1. Status of Tank (Mark all that apply <input checked="" type="checkbox"/>) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2. Estimated Age (Years)	UNKNOWN				
3. Estimated Total Capacity (Gallons)	UNKNOWN				
4. Material of Construction (Mark one <input checked="" type="checkbox"/>) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5. Internal Protection (Mark all that apply <input checked="" type="checkbox"/>) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6. External Protection (Mark all that apply <input checked="" type="checkbox"/>) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
7. Piping (Mark all that apply <input checked="" type="checkbox"/>) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply <input checked="" type="checkbox"/>) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify c. Hazardous Substance Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input checked="" type="checkbox"/> if tank stores a mixture of substances d. Unknown	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input checked="" type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

T. A. SHEETS
MECHANICAL - GENERAL CONTRACTOR

Tom Sheets

PHONE: (757) 627-3000

FAX: (757) 624-3550

Virginia Department of Environmental Quality - [Facilities]

Action Edit Block Field Record Query Integration Window Help



Registration Facility

Today Is: 07/25/2003

Registration ID: 5008486 CEDS ID: 200000067248

Registered Name: TAYLOR SALT & CHEMICAL CO INC

CEDS Location:

Physical Addr: 1128 Cooke Ave.

City: Norfolk

State: VA Zip: 23504 Phone:

Current Name (if Different):

	# UST	# AST	PC Number
Total:	1	0	
Active:	1	0	

County: Norfolk City

Reports

General Facility Events Owners Inspections **Tanks** Compliance Activities

Owner Tanks

Sort On: ☐ Verification Source ☐ Owner ID ☐ Owner Tank # ☐ Tank Status ☐ Capacity
☐ Contents ☐ Tank Type ☐ Install Date ☐ Last Used Date

Verification Source	Owner ID	Owner Tank #	Tank Status	Capacity	Contents	Tank Type	Install Date	Date Last Used
Reg	31016	1	CURR IN USE		GASOLINE	UST		

Registration Differences:

Tank Comments:

AST Tanks UST Tanks

Enter value for Facility Id

Record: 1/1

<ESC> <DBG>

KEYED FORMS
JJC
12-01-92

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
UST FACILITY CHECKLIST

Inspection Date: 7/13/98 Inspector: Melvin J Lee Facility ID # 5-008486

Facility Information:

Facility type: Gas Station/Convenience Store ☒ Commercial ☐ Contractor ☐ Trucking/Transport ☐ Industrial (mark one) ☐ Airport ☐ Utilities ☐ Railroad ☐ Federal ☐ State ☐ Local Govt. ☐ Other (Explain) _____

Facility Name: TAYLOR SALT & CHEMICAL ZIP 23504

Facility Address: 1128 COOKE AVE

City: Norfolk County: _____ Contact on-site: _____

Phone: (____) _____

Latitude: _____ Longitude: _____

Geographic Location/Directions to Site: Between VA Beach Blvd and PINNED AVE
Rd

Tank Owner Name: _____

Owner Address: _____

City: _____ State: _____ Zip: _____

Contact Person: _____ Phone: _____

Does the facility owner also own the registered USTs? ☐ Yes ☐ No ☒ See comments

Bureau of Weights & Measures - Station Listed: ☐ Yes ☐ No Multiple UST facility owner in Virginia? ☐ Yes ☐ No

General Inspection Information:

Number of regulated USTs at facility (write in number): Total # _____ (Optional: Number of ASTs at site: _____)

_____ in-use # _____ out of service # _____ closed (excavated/closed in place properly/abandoned)

	Tank#	Tank #	Tank#	Tank#	Tank#
Date Closed	<u>1/1/1</u>	<u>1/1/1</u>	<u>1/1/1</u>	<u>1/1/1</u>	<u>1/1/1</u>
Tank Capacity (gallons)	_____	_____	_____	_____	_____
Substance Stored	_____	_____	_____	_____	_____

_____ USTs installed on/before December 22, 1988; # _____ USTs installed after December 22, 1988; _____ Unknown

Type(s) of product(s)/volume(s) of tanks (in general): _____

Length of piping runs (estimate): 0 feet

Potable water source at the facility: ☐ deep drilled well; ☐ shallow bored well; ☐ spring; ☒ public water

Are observation/leak detection wells properly marked, located, and secured? ☐ Yes ☐ No ☒ N/A

Are fill ports properly marked to identify substance stored? ☐ Yes ☐ No Any spills noted? ☐ Yes ☐ No

Inspector's Comments:

Facility appears to presently be in compliance? ☐ Yes ☐ No ☒ Unk Is the facility registered? ☒ Yes ☐ No

Facility appears to be in compliance with the 1998 UST (spill, overfill, corrosion) equip. requirements? ☐ Yes ☐ No ☐ Unk ☒ N/A

Facility appears to be in compliance with leak detection requirements? ☐ Yes ☐ No ☐ Unk ☒ N/A

Facility appears to be in compliance with tank closure requirements? ☐ Yes ☐ No ☒ Unk ☒ N/A

key registration information (owner, facility name, address) accurate? ☒ Yes ☐ No ☐ Unk

WHAT ARE THEIR PLANS FOR THE 1998 DEADLINE? ☐ upgrade ☐ replace ☐ close ☐ done ☐ Unk

Comments: _____

Inspector's Signature: Melvin J Lee

Site Representative: _____

Forms/brochures distributed: _____

Info transmittal letter _____

Form 7530

"Musts for USTs"

"Doing Inventory Control Right"

"Manual Tank Gauging"

"Fact Sheet: Registration"

Title: _____

"Don't Wait Until 1998"

"Straight Talk On Tanks"

Other _____

Don 5/98

UST Inspection Checklist

1. Facility Name: <u>TAYLOR SALT & Chemical</u> PC#: _____	2. Facility ID#: <u>5- 008486</u> CLS # _____
---	--

3. New Installation: _____	4. Existing Facility: <input checked="" type="checkbox"/>	5. Possible LUST Site: _____	6. Follow-up Visit: _____
----------------------------	---	------------------------------	---------------------------

UST SYSTEM INFORMATION:	Tank# _____	Tank# _____	Tank# _____	Tank# _____	Tank# _____
Date Installed:	<u>1 / 1</u>	<u>1 / 1</u>	<u>1 / 1</u>	<u>1 / 1</u>	<u>1 / 1</u>
Tank Capacity (gallons):	_____	_____	_____	_____	_____
Substance Stored:	_____	_____	_____	_____	_____
7. Spill Prevention (spill bucket; N/A for USTs w/transfers <25 gals.)	_____	_____	_____	_____	_____
8. Overfill Prevention (shutoff valve; ball float; etc.; N/A for USTs w/transfers <25 gals.)	_____	_____	_____	_____	_____
9. Corrosion Protection (Tank) (fiberglass; StP-3; impressed current; etc.)	_____	_____	_____	_____	_____
10. Corrosion Protection (Piping) (fiberglass; double-walled; impressed current; sacrificial anodes; etc.)	_____	_____	_____	_____	_____
11. Release Detection for tanks: (See sections on pages 2 & 3)	_____	_____	_____	_____	_____
12. Inventory Control (w/ TTT)	_____	_____	_____	_____	_____
13. Tank Tightness Testing (w/IC)	_____	_____	_____	_____	_____
14. Manual Tank Gauging (limited)	_____	_____	_____	_____	_____
15. Automatic Tank Gauging	_____	_____	_____	_____	_____
16. Vapor Monitoring	_____	_____	_____	_____	_____
17. Groundwater Monitoring	_____	_____	_____	_____	_____
18. Interstitial Monitoring	_____	_____	_____	_____	_____
19. SIR (Statistical Inventory Recon.)	_____	_____	_____	_____	_____
20. Other Method(s)	_____	_____	_____	_____	_____

Note: Inventory control and tank tightness testing (IC/TTT) are temporary methods.
Manual tank gauging is used on tanks <2000 gallons (such as used oil USTs).

21. PIPING INFORMATION:	Tank# _____	Tank# _____	Tank# _____	Tank# _____	Tank# _____
(See section on page 4)					
22. Check one: Pressurized: (see lines 114-131)	_____	_____	_____	_____	_____
Suction: (see lines 132-142)	_____	_____	_____	_____	_____
For Pressurized Piping:					
23. Automatic Line Leak Detector AND one of the following Release Detection methods:	_____	_____	_____	_____	_____
24. Vapor Monitoring	_____	_____	_____	_____	_____
25. Groundwater Monitoring	_____	_____	_____	_____	_____
26. Interstitial Monitoring	_____	_____	_____	_____	_____
Line Tightness Testing	_____	_____	_____	_____	_____
SIR	_____	_____	_____	_____	_____
Other Method	_____	_____	_____	_____	_____

Comments: Business gone NO signs of tank



**SITE
CHARACTERIZATION
REPORT**

*Former Park Avenue Service Center
1139 Princess Anne Road Norfolk, VA
VDEQ PC # 93-0182*

Submitted to:

**Mrs. LeAnn K. Moran, M.S.
Virginia Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, Virginia 23462**

Prepared by:

**Vista Environmental, Inc.
11029 Richardson Road
Ashland, Virginia 23005
(804) 752-4815**

December 17, 2010

December 17, 2010
VEI Project # SL10-010

Mrs. LeAnn K. Moran, M.S.
Virginia Department of Environmental Quality
Norfolk, Virginia 24557

Re: Site Characterization Report
Former Park Avenue Service Center
1139 Princess Anne Road
Norfolk, Virginia
VDEQ PC#93-0182

Dear Mrs. Moran:

Vista Environmental, Inc. (VEI) is pleased to submit this Site Characterization Report (SCR) for the property referred to as the "Former Park Avenue Service Station" located in Norfolk, Virginia. The source of petroleum impact at the site was formerly identified as seven (7) underground storage tanks (USTs), associated piping and petroleum dispensers. The seven (7) USTs were located across the site.

Site Characterization activities conducted by **VEI** included a soil sampling event utilizing a Power Probe™ 9500 direct push machine, with seven (7) borings. **VEI** also installed a total of seven (7) one inch diameter ground water monitoring wells which corresponded to the boring locations. Soil samples were obtained from the boring locations and submitted for TPH DRO/GRO, BTEX and MTBE analysis. Based on historical data, **VEI** returned to the site to conduct a ground water sampling event following the monitoring well installation. Additionally, monitoring wells were surveyed, and a receptor survey was performed.

Results of the investigation indicate significant concentrations of residual and dissolved phase petroleum hydrocarbons in the vicinity of the former UST field and fuel dispensers, although petroleum hydrocarbon impact was observed throughout the site. Potential on and off-site receptors appear to be limited at this time based upon the risk assessment information collected to date.

Based on the analytical results from the soil and ground water sampling and relative lack of identified risk to potential receptors, **VEI** recommends excavation and disposal of shallow subsurface soils in the most heavily impacted areas.

Please find enclosed a copy of the site characterization report that details the findings of the investigation. If you have questions regarding the report or if we can be of further assistance, please contact the undersigned at (804) 752-4815.

Sincerely,
Vista Environmental, Inc.



Anthony Christhilf, Jr.
Project Manager

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EXECUTIVE SUMMARY

As requested by the Virginia Department of Environmental Quality (VDEQ) Tidewater Regional Office, the following Site Characterization Report (SCR) has been completed by **Vista Environmental, Inc. (VEI)** for the property referred to as "Former Park Avenue Service Center." The Former Park Avenue Service Center site is physically located at 1139 Princess Anne Road in Norfolk, Virginia. The property is currently operated as a contractor supply distributor.

The source of petroleum impact at the site was formerly identified up to seven (7) USTs, associated piping and dispensers. Product piping was removed and replaced in 1992 as part of Initial Abatement activities. A limited site assessment took place at that time with the use of hand augering and a Photo-ionization Detector (PID); however, no additional abatement activities were performed.

Site Characterization activities conducted by **VEI** included conducting a soil sampling and one inch ground water monitoring well installation event utilizing a Power Probe™ 9500 direct push machine. Soil samples were obtained from the boring locations and submitted for TPH DRO/GRO, BTEX and MTBE analysis. A ground water sampling event was conducted following the monitoring well installation. Additionally, monitoring wells were surveyed, and a receptor survey was performed.

Results of the investigation indicate high residual phase concentrations up to 7405.0 mg/kg TPH-GRO in MW-7 and dissolved phase Total BTEX concentrations up to 17,249.0 µg/L in MW-7. The potential for petroleum hydrocarbon exposure via ingestion (on or off-site) is considered unlikely since domestic supply wells were not identified in the immediate area. The potential for petroleum hydrocarbon exposure via vapor inhalation is considered to be elevated. Vapor phase hydrocarbons may be an issue relating to the subsurface conduits that exists immediately to east and south of the site. There have been reports of petroleum hydrocarbon vapors in the building from the current employees; these observations are usually made after a hard rain.

Due to the characteristics of subsurface soils and the depth of the water table, it appears that the impact of petroleum constituents has been mostly limited to near surface soils. The zone of significant residual petroleum hydrocarbons appear to be located at approximately 4.0 to 8.0 feet below ground surface and indicates ground water has been impacted.

Based on the analytical results from the soil and ground water sampling and relative lack of identified risk to potential receptors, **VEI** recommends excavation and disposal of shallow subsurface soils in the most heavily petroleum hydrocarbon impacted areas.

1.0 SITE ASSESSMENT

1.1 SITE LOCATION AND DESCRIPTION

The site referred to as “*Former Park Avenue Service Center*” is located at 1130 Princess Anne Road in Norfolk, Virginia (Figure 1, Site Vicinity Map). The subject site’s main building is currently operated as a contracting supplies distributor but this location formerly served as a Union 76 fuel and service station. In May of 1993 when a PC number was assigned to this site, there were five underground storage tanks (USTs) present on the site (four 6,000 gallon gasoline tanks and one 550 gallon tank containing used oil). The UST basin was located at the northeast corner of the service station and a small pump island was located directly in front, to the north of the station. (Figure 2, Detailed Site Map). According to the VDEQ, no USTs, associated piping, or dispenser pumps remain on site. The site now includes the main building structure which is surrounded on three sides (North, South, and East) by pavement with a narrow grassy strip to the west running between the building and Norfolk-Southern railroad tracks. The site is located at an approximate elevation of 10 feet above mean sea level.

1.2 UNDERGROUND UTILITIES

The site and surrounding properties are connected to both municipal water and sanitary sewer services as provided by the City of Norfolk, Virginia. Other underground utilities on or near the site include power, multiple fiber optic, natural gas, and cable lines which could and historically have acted as migratory pathways. The majority of these lines are located along the Northern and eastern perimeter of the site bordering Princess Anne Road and May Avenue respectively.

1.3 ADJACENT LAND AND WATER USE/RECEPTOR SURVEY

The surrounding properties are primarily commercial or industrial although a school is located across May Avenue and to the east of the property. The site and surrounding properties are connected to both municipal water and sanitary sewer services as provided by the City of Norfolk.

1.4 INITIAL ABATEMENT MEASURES

The reported source of petroleum impact at the site was a leaking gasoline product line which was initially discovered by W.B. Goode Company, Inc. (WBG) during a precision tightness test on the UST’s and product delivery piping on May 15, 1992. The premium unleaded line failed to hold 50 psi of pressure and was subsequently removed and replaced beginning on July 20, 1992 and completed on August 3, 1992. During replacement activities, WBG discovered petroleum hydrocarbon contamination in the soil surrounding the line.

GES Environmental, Inc. was contracted to conduct a site check/initial abatement to determine the extent of the petroleum hydrocarbon contamination. GES visited the site on September 10 and 11, 1992 to conduct a soil boring survey of the site. A total of ten hand-augured borings were performed on the site, each to a depth of approximately 6’. PID headspace readings were taken at 2’ intervals in each boring. Eight of the ten borings indicated the presence of vapor phase

petroleum hydrocarbons. The highest PID readings were generally encountered in the 6' interval with most reading above 150 ppm and two samples visually indicating the presence of free product. A full SCR was recommended however no further action was taken.

1.5 FIELD SERVICES

VEI was contracted to provide environmental consulting services and complete a Site Characterization Report for the aforementioned site and associated PC number. Miss Utility of Virginia was contacted and all utilities were marked or cleared prior to beginning site work. Site Photographs are included in Appendix A.

VEI personnel mobilized to the site on October 26-27, 2010 to advance soil borings and install monitoring wells on site (Figure 2 – Detailed Site Map). A Power Probe™ 9500 direct push drill rig was utilized to perform continuous borings in seven (7) locations around the site. Each boring was performed to a depth of 12' below grade. The borings were characterized and screened with a PID at 2' intervals. A soil sample was collected for laboratory analysis from each boring at an approximate depth of 6', near water table elevation and the location of the highest PID readings. Typical soils encountered during boring activities were either unsorted fill material, sandy clay, or sand. PID readings of up 2000 ppm or higher were encountered, generally at depths of around 6' below grade. PID headspace readings are presented in the Boring Logs which are included as Appendix B.

VEI personnel installed 1" monitoring wells to 12' below grade at each of the boring locations for a total of seven (7) monitoring wells (MW-1 to MW-7). The monitoring wells were set with ten (10) feet of .020 slotted PVC screen and two (2) feet of casing. Additionally, the monitoring wells were finished with the installation of an 8" diameter flush mounted manway and a 24" concrete pad. Monitoring well diagrams are included in Appendix C.

On November 5, 2010 **VEI** personnel returned to the site to perform gauging and sampling of all new monitoring wells (MW-1 through MW-7). An oil/water interface probe was utilized to gauge each of the monitoring wells for free phase petroleum hydrocarbons and depth to water measurements (Table 1 - Monitoring Well Gauging Data). Depth to groundwater in the monitoring wells was measured between 4.80 and 6.03 feet below the top of the well casings and no free phase petroleum hydrocarbons were observed in any of the monitoring wells. The November 5th, 2010 gauging data was utilized to create a Potentiometric Surface Map to determine ground water flow direction and has been included as Figure 3. Based on the monitoring well gauging data it appears that the ground water in the vicinity of the wells flows generally to the south across the property.

VEI personnel purged approximately three well volumes of ground water from each monitoring well prior to sample collection. Ground water samples were collected utilizing a Solinst 450 peristaltic pump, disposable tubing and disposable bailers. All the samples were placed into laboratory prepared glassware and immediately placed on ice in a cooler for subsequent transport to the laboratory for analysis.

1.6 CHEMICAL ANALYSES

A total of seven (7) soil samples were collected during probing and well installation activities. The soil samples were submitted to Schneider Labs in Richmond, Virginia for TPH-GRO and TPH-DRO analysis per EPA Method 8015B and BTEX/MTBE/Naphthalene analysis via EPA Method 8021B.

As indicated by the soil analytical data, elevated residual phase petroleum hydrocarbon concentrations were noted in all soil samples collected. The highest TPH-GRO (7,405 mg/kg), MTBE (22,820 µg/kg), and Total BTEX (278,897 µg/kg) concentrations were reported in the samples collected from the MW-7 boring. The highest TPH-DRO (7,057 mg/kg) concentration was located in the soil sample collected from the MW-2 boring where a suspected heating oil tank was once located. Soil boring analytical results are presented in Table 2 and the laboratory Certificate of Analysis and Chain-of-Custody documents are included in Appendix D. The Residual Phase TPH-GRO, MTBE and Total BTEX Plume Maps are presented as Figure 4, 5, and 6, respectively.

On November 5, 2010 VEI personnel returned to the site to develop and collect water samples from all seven (7) newly installed monitoring wells. The samples were submitted to Schneider Labs for TPH-GRO and TPH-DRO analysis via EPA Method 8015B and BTEX/MTBE analysis via EPA Method 8021B. As analytical results indicate, dissolved phase petroleum constituents were present in all wells sampled. The highest results were as follows concerning dissolved phase; TPH-GRO (33.2 mg/L-MW-5), MTBE (269 µg/L-MW-1), and Total BTEX (17,249 µg/L-MW-7). In general ground water collected from MW-7 contained the highest concentrations of dissolved phase petroleum hydrocarbons. Analytical results for the ground water samples are presented in Table 3 and the Certificates of Analysis and Chain of Custody documents are included in Appendix D. Dissolved Phase TPH-GRO, MTBE and Total BTEX Plume Maps have been prepared using the laboratory data and are included as Figures 7, 8 and 9, respectively.

1.7 GEOLOGY AND HYDROGEOLOGY

1.7.1 Regional Geology

The site is located in the Coastal Plain Physiographic Province of Virginia. The Coastal Plain province is generally characterized as chiefly sand and gravel, and usually grades upwards into poorly sorted silts and fine sands. The Norfolk, VA area is located on a geologic formation referred to as the Lynnhaven Member. This formation can be described as pebbly and cobbled sand grading upwards into muddy sands and silts.

1.7.2 Site Geology

In general, the site is underlain by sandy clay that is grey to dark grey in color. Poorly sorted sand was encountered during boring activities and the monitoring well installations at a depth of

approximately 7.5 to 12.0 feet below ground surface. The general site topography is generally level, at an approximate elevation of 10 feet above sea level.

1.7.3 Site Hydrogeology

Static ground water depths in the monitoring wells at the site have ranged from 4.80 to 6.03 feet below the top of casings. The actual ground water table elevation during the November 15, 2010 gauging event was calculated to range from 2.86 (MW-2) to 3.82 (MW-1) indicating a relatively flat but southerly hydraulic gradient across the site. A rising head slug test was not performed for the site.

1.8 SITE ASSESSMENT SUMMARY

1.8.1 Vapor Phase Hydrocarbons

Vapor phase hydrocarbons were measured in concentrations ranging up to 2000+ parts per million in soil samples collected during the Power Probe™ survey. Vapor phase hydrocarbons may be an issue relating to the subsurface conduits that exists immediately to the east and south of the site. No vapor phase hydrocarbons were identified during the receptor survey in the site building; however it is apparent from this site characterization that vapor phase petroleum hydrocarbons probably exist under the slab-on-grade foundation of the building on site.

1.8.2 Residual Phase Hydrocarbons

As indicated by the soil analytical data, elevated TPH-GRO concentrations ranging up to 7,405 mg/kg (MW-7) and TPH-DRO concentrations ranging up to 7,057 mg/kg (MW-2) were reported during well installation activities (Table 2 – Soil Boring Analytical Results). A Residual Phase TPH-GRO Plume Map was produced utilizing the soil analytical data and is included as Figure 4 showing the estimated residual phase plume areas based on existing soil sampling data. It must be noted however that soil samples were not collected off site where it seems most likely the residual phase petroleum plume extends based on soil boring analytical data and field observations. Along the eastern edge of the site, soils collected from MW-1 at 5.5' below ground surface had a TPH-GRO concentration of 1015 mg/kg. It appears that the majority of the residual contamination remains in the soils in close proximity to the former UST basin and dispenser islands; soils collected from MW-5, MW-6, and MW-7 had a TPH-GRO concentration of 1790 mg/kg, 7283 mg/kg, and 7405 mg/kg, respectively.

1.8.3 Dissolved Phase Hydrocarbons

Ground water analytical data indicated trace to elevated concentrations of petroleum hydrocarbons in the ground water samples obtained from monitoring wells MW-1 through MW-7. The highest results were as follows concerning dissolved phase; TPH-GRO (33.2 mg/L-MW-5), MTBE (269 µg/L-MW-1), and Total BTEX (17,249 µg/L-MW-7). In general ground water collected from MW-7 contained the highest concentrations of dissolved phase petroleum hydrocarbons. Analytical results for the ground water samples are presented in Table 3 and the Certificates of Analysis and Chain of Custody documents are included in Appendix D. Notably dissolved phase petroleum

hydrocarbon constituents presented at far lower concentrations than that of the residual phase concentrations collected from the same boring/monitoring well locations.

1.8.4 Free Phase Hydrocarbons

No free phase petroleum hydrocarbons were identified during this investigation.

2.0 RISK ASSESSMENT

A risk assessment was conducted by **VEI** as part of site characterization services. Information obtained during this assessment is outlined below. The information was obtained through a visual inspection of the property and surrounding area properties.

2.1 ON-SITE/OFF-SITE RECEPTORS

A review of the site and surrounding area was made to determine if human, biological, or manmade receptors were present, and if present, the potential for those receptors to be affected by this release.

The project site and immediate surrounding area consist of primarily business properties located along Princess Anne Road and May Avenue in Norfolk, Virginia. The former business on site was a retail gasoline station and automotive repair shop. The main building on site was constructed on a slab-on-grade foundation. It was apparent upon investigation that a large number of the electrical conduits and other piping are still in place under the foundation. There have been reports of petroleum hydrocarbon vapors in the building from the current employees; these observations are usually made after a hard rain. It appears that major underground utilities, which may act as migratory pathways, were identified in the immediate vicinity of the site. Dominion Virginia Power, Verizon, and municipal sewers are located along Princess Anne Road and May Avenue.

The site and surrounding properties are connected to both municipal water and sanitary sewer services as provided by the Town of Norfolk. Based on the available data, it does appear that the sanitary sewer or water utilities are at risk of impact from this release due to their distance from the former UST basin location.

No domestic water supply wells were identified within ¼ mile of the site. The closest surface water body is a branch of the Lafayette River that begins approximately 1.0 mile to the east.

2.2 HYDROCARBON CHARACTERIZATION

Based on the information obtained to date, it is apparent that a petroleum release(s) consisting of gasoline, diesel fuel, and heating oil has occurred at the site.

The chemicals of primary concern with respect to this type of release are the chemical constituents MTBE, and benzene, toluene, ethylbenzene and xylenes, known collectively by the acronym BTEX. Benzene is the chemical of greatest concern because it is reported to be a human carcinogen and is acutely toxic. Toluene, ethylbenzene and xylenes are not reported as carcinogenic and are considerably less toxic than benzene. These chemicals and their relative toxicities are discussed individually below.

Methyl Tertiary-Butyl Ether (MTBE) – at room temperature is a volatile, flammable, and colorless liquid that is highly soluble in water. MTBE is a synthetic oxygenate used as a blending component in gasoline. No federal drinking water or monitoring requirement is pending for the

compound, due to lack of sufficient monitoring data. According to EPA website information, there is a current study being conducted to determine if a federal drinking water regulation is necessary. It is believed that MTBE concentrations less than the taste/odor range of 20-40 µg/L would not have adverse health effects. The estimated cancer risk from exposure to MTBE-blended gasoline is similar to or slightly less than those for fully vaporized conventional gasoline and substantially less than that for benzene (U.S. EPA Fact Sheet on MTBE).

Benzene - a colorless liquid with a strong but pleasant odor. It is slightly soluble in water, has a specific gravity of 0.72 to 0.76 (Merck Index, 1976), and floats on water. Benzene has a UEL of 7.1 percent and a LEL of 1.3 percent. It is a known human carcinogen used in the manufacture of many products, namely gasoline and other petroleum fuels. It is acutely toxic, and affects the central nervous system (i.e., dizziness, vomiting, headache, loss of balance, narcosis, and coma) in high concentrations (Virginia Department of Health Fact Sheet, 1985).

Toluene - a clear, colorless, non-corrosive, flammable liquid with a sweet, pungent odor, and is insoluble in water. Toluene is not carcinogenic to humans, and causes mild depression of the central nervous system (mild fatigue, weakness, confusion, lacrimation and paresthesia) at lower concentrations. At higher concentrations, it causes lightheadedness, dizziness, and unconsciousness (Virginia Department of Health Fact Sheet, 1987).

Ethylbenzene - a clear, colorless, flammable liquid with an aromatic, gasoline-like odor. It is insoluble in, and floats on water. Exposure to ethylbenzene can cause headache, sleepiness, eye and skin irritations, and difficulty in breathing, but is not carcinogenic to humans (Virginia Department of Health Fact Sheet, 1984).

Xylenes - refers to any mixture of three xylene isomers, ortho (O), meta (M), and para (P), which have varying densities and boiling points. All are clear, colorless, flammable, non-corrosive liquids with a sweet, aromatic odor. All isomers of xylene are insoluble in water. Human exposure to xylenes can cause headaches, weakness, nausea, vomiting, abdominal pain, irritability, dizziness and slowed reaction time (Virginia Department of Health Fact Sheet, 1987).

2.3 SITE SPECIFIC MEANS OF EXPOSURE

Exposure pathways are routes by which chemicals or physical agents move from a source to an exposed receptor such as an individual or aquatic organism. For an exposure pathway to be complete, the following four elements must be present:

1. A source or release from a source.
2. A likely environmental migration route.
3. An exposure point where receptors may come in contact with the chemical or physical agent(s).
4. A route by which potential receptors may be exposed to a chemical or physical agent.

If any one of these components is not present, the exposure pathway is considered incomplete. Potential exposure pathways were examined to determine if there are any completed exposure

pathways. These pathways included ingestion, absorption and inhalation by either human or environmental receptors.

The potential for petroleum hydrocarbon exposure via ingestion (on or off-site) is considered unlikely since domestic supply wells were not identified in the immediate area.

The potential for petroleum hydrocarbon exposure via absorption is considered to be low and vapor inhalation is considered to be relatively high. Petroleum-impacted soils exist in the vicinity of the former UST basin and appear to be extensive based on existing data. A majority of the residual phase contamination is located in the 4'-8' interval. The area that has been identified as containing elevated residual petroleum hydrocarbons is located immediately to the east of the main building and is currently in use. Vapor phase petroleum hydrocarbons have been reported in the on-site building and the potential for vapor intrusion and/or inhalation is considered elevated. The greatest concern for human exposure at this site is considered to be potential for exposure by any workers conducting any future excavation work in the immediate vicinity of the site. No scheduled work was known or expected at the time of publication of this report.

The closest surface water body is a branch of the Lafayette River located approximately 1.0 mile to the east. There was no surface water present in the storm water sewer system during the receptor survey conducted by **VEI**. Potential impact to the river does not appear likely given the spatial separation and the limited extent of the reported petroleum hydrocarbons.

2.4 RISK BASED ENDPOINTS

Information obtained to date indicates that petroleum hydrocarbons reported at the site are limited in extent and appear to be localized to the former UST basin; however based on soil analytical data and field observations, petroleum impacted soils are likely present immediately to east and south of the site. Vapor Phase impact to the site structure periodically reported, but has not been quantified. Remediation endpoints should be developed in a Corrective Action Plan for the site.

2.5 ALTERNATE WATER SUPPLY

Based on information obtained to date, an alternate water supply does not appear to be warranted at this time. Potable water is supplied by the Town of Norfolk and no shallow domestic supply wells were found to be located within ¼ mile of the project site.

3.0 REMEDIATION ASSESSMENT

When considering applicable remediation technologies, a comprehensive study of the available technologies is necessary. The actual remediation technology chosen will depend upon the phase(s) of hydrocarbons present. There are potentially four phases of petroleum hydrocarbons that may affect a site. These four include:

(1) Residual Phase: When a subsurface petroleum release occurs from a UST or AST, the product migrates downward via gravity through the unsaturated soils (vadose zone). As the product migrates downward, it is adsorbed to the soil matrix. The exact amount of petroleum product that is adsorbed to the soil is dependent upon several factors including the thickness of the unsaturated zone, pore size, grain size, and adsorptive capacity of the soil.

(2) Free Phase: When petroleum product reaches the water table aquifer, free-floating product will form on top of the water table due to the differences in density between petroleum and water. Under static conditions, the free phase plume will migrate in the direction of ground water flow.

(3) Dissolved Phase: When petroleum product comes into direct contact with the water table, the product slowly alters and may dissolve into the ground water. Additionally, dissolved phase petroleum located in the vadose zone can be transported downward via percolation of water from the ground surface. Under static conditions, the dissolved phase plume will migrate in the direction of ground water flow.

(4) Vapor Phase: Based on the volatility of certain petroleum products, vapor phase hydrocarbons may result from the presence of each of the aforementioned phases of hydrocarbons.

Remediation alternatives for hydrocarbon-affected sites will usually fall into one of the following categories:

1. In-situ containment (no remediation)
2. In-situ remediation (in-place treatment)
3. Ex-situ remediation (removal and treatment)

3.1 IN-SITU CONTAINMENT

In-situ containment methods are used to provide a barrier that prevents the migration of hydrocarbons off-site. In-situ containment is not intended for the removal of hydrocarbons, but is practical for sites where it is deemed necessary to leave the hydrocarbon-affected soils and ground water in place. In-situ technologies include slurry walls, grouting, sheet piles and hydraulic barriers.

Costs associated with these methods are extremely high and are generally only utilized for extremely large projects.

3.2 IN-SITU REMEDIATION

In-situ treatment of hydrocarbons resulting from an AST/UST release offers an alternative to ex-situ treatment. In-situ treatment methods can generally be divided into three categories: biological, chemical, and physical. In-situ biodegradation is based on the concept of stimulating microorganisms to decompose the hydrocarbon(s) of concern. In-situ chemical treatment involves the injection of a specific chemical(s) into the subsurface to break down chemical(s) or to flush the hydrocarbons. Physical treatments involve the manipulation of the soil by the use of air, steam, heat, freezing, etc. These methods may also be used in conjunction with each other.

3.2.1 Bioremediation

In-situ bioremediation utilizes naturally occurring soil microorganisms that are stimulated to biodegrade the hydrocarbon of concern. The most developed and feasible method of biodegradation involves aerobic (requiring oxygen) microbial processes. This method involves optimizing the site conditions by providing oxygen and nutrients delivered through an injection well or infiltration system for the enhancement of microbial activity. This method can be utilized for both soil and ground water hydrocarbons. The use of surfactant can also enhance the efficiency of this method. However, this option is a long-term passive way of remediating soil and ground water.

Estimated costs utilizing this method for the remediation of a typical 300-gallon gasoline spill will run from \$50,000 to \$150,000.

3.2.2. iSOC

iSOC is a gas delivery technology that will infuse any gas into a liquid. The technology supersaturates the ground water with low decay dissolved oxygen at concentrations ranging from 40 to 200 ppm depending on aquifer conditions and depth of injection. This is achieved through the usage of a dedicated unit per well point. The iSOC unit contains over 700 hydrophobic microporous hollow fibers that allow for the mass transfer of oxygen into the ground water, without creating a bubbling effect. The oxygen transfer efficiency is nearly 100%. Other necessary hardware includes an oxygen supply and tubing to connect to the iSOC units. Costs for this technology at typical sites would be approximately \$20,000-\$50,000.

3.2.3. Dissolved Oxygen In-Situ Treatment (DO-IT)

The DO-IT system is a subsurface oxygenation system that when combined with enzyme complexes and bacterial consortiums provide fast and cost-effective site remediation. Using a specialized oxygenation process, the DO-IT system generates dissolved oxygen levels up to 40 parts per million, approximately 4 times greater than levels achievable using standard air or oxygen subsurface injection methods. This technology involves the removal of contaminated ground water from the site, which is then oxygenated, mixed with nutrients and/or microbes, and reinjected into the contaminant plume. As a result, oxygenated water is constantly available for microbial in-situ remediation throughout the injection area, with the aerobic process self-sustaining.

Usage of the DO-IT system at the subject site would involve the installation of extraction and/or injection wells at the site in order to effectively apply the technology. Expected costs would be \$80,000 - \$150,000.

3.2.4 Oxygen Release Compounds (ORC)

ORC Advanced™ is a peroxygen-phosphate powder that can be mixed on-site and injected via a variety of methods. When hydrated, ORC Advanced™ is designed to release its full amount of oxygen (17% by weight) over a 12-month period. This timed release of oxygen enables natural aerobic microbes to significantly accelerate rates of natural attenuation over long periods of time. In addition, the timed release over 12 months helps eliminate excessive oxygen loss and foaming seen with comparable oxygen-release compounds.

Ideally, ORC should be injected at the site via direct push technology equipment such as PowerProbe or GeoProbe equipment. A grid of injection points is usually performed throughout the contaminant area to perform ORC injections into the subsurface at predetermined locations and depths. Several injection events may be necessary to remediate the plume area. An approximate cost for this technology is \$50,000.

3.2.5 Chemical Remediation

In-situ chemical remediation technologies involve the injection of chemicals into the subsurface to 1) immobilize, 2) mobilize for extraction or 3) detoxify organic and inorganic compounds. Technologies used for immobilization include precipitation, chelation and polymerization. Methods utilized for mobilization of compounds include various methods of soil flushing. Detoxification is performed utilizing oxidation, reduction, neutralization and hydrolysis technologies.

Costs for chemical in-situ treatment technologies are not readily available because these methods of remediation have not been demonstrated and actual costs have not been well documented.

3.2.6 Physical Remediation

In-situ physical remediation technologies involve the physical manipulation of the subsurface to immobilize or detoxify the hydrocarbon of concern. These technologies include in-situ heating, vitrification, and ground freezing.

In-situ heating involves the thermal breakdown, vaporization and/or distillation of the hydrocarbon. Steam injection and radio frequency (RF) heating are typically the recommended heating methods. The process utilizes horizontal conductors that are “excited” using an RF generator. The process requires approximately two weeks to complete, and is accomplished at a temperature of approximately 300° to 400° F.

In-situ vitrification is based on “electric meter technology” which passes an electric current through a molten mass. This process transforms the affected soil into glass and crystallizes the hydrocarbons.

In-situ ground freezing involves the installation of “freezing loops” in the ground. The system pumps coolant through the loop and freezes the soil, thus creating a temporary impermeable zone.

The costs involved with these methods range from approximately \$300/cubic yard for vitrification to \$5,000,000 for RF heating for a one-acre site.

3.3 EX-SITU REMEDIATION

Ex-situ remediation of affected soil includes excavation, and treatment using physical, biological or chemical methods and disposal. Ex-situ treatments can be accomplished by mobile treatment units constructed on site or at other off-site treatment facilities.

3.3.1 Mechanical Excavation

This method includes the mechanical removal of affected soil from the ground. The exact quantity of soil removal will be dependent on site-specific conditions.

Soil excavation costs range from \$2,500 to \$4,000 a day depending upon the size and quantity of the equipment used and the amount of soil that is excavated.

3.3.2 Thermal Treatment

The thermal destruction of hydrocarbons is performed using various incinerators (i.e. liquid-injection, rotary-kiln, fluidized-beds and multiple-hearth). The destruction is performed at high temperatures under controlled conditions of time, temperature, and turbulence.

Typical costs for thermal treatment of hydrocarbons range from \$65 to \$150 per ton, depending on the type of waste and transportation distances.

3.3.3 Vapor Extraction

Vapor Extraction is used to remove volatile organic compounds and lightweight hydrocarbons from the unsaturated (vadose) zone. Air is mechanically drawn or vented through the unsaturated soil causing the volatilization of organic and evaporation of soil moisture. Soil permeability and moisture content, applied suction pressures, airflow rate, temperatures, vapor pressures of the hydrocarbon and external boundary conditions affect the actual rate of removal. The vapor extraction systems may be active or passive by design. Vacuum extraction systems are most efficient if used at depth of >10 feet while passive venting systems rely on the mobility of air through the soil without the introduction of pressure gradients. Vapors are typically treated using activated carbon prior to discharge into the air.

Vapor extraction systems typically cost a minimum of \$25,000 for the initial installation of the system.

3.3.4 Biological Treatment

Biological treatment of affected soils can be performed on-site or off-site. The soils are excavated and placed in a lined treatment basin where bacteria and nutrients are applied and the soil is cultivated to increase the oxygen content, which in turn speeds the aerobic treatment. The bacteria may stabilize, adsorb, alter or destroy the hydrocarbons.

The cost for performing bioremediation of soils will vary, depending on soil type, quantity of soil, temperature and initial hydrocarbon concentrations. Typical bioremediation services will cost a minimum of \$20 to \$40 a ton.

3.3.5 Landfill Disposal

Petroleum-affected soils may be disposed of in permitted sanitary landfills or industrial landfills if the soils meet specified analytical criteria. These criteria will vary depending on the individual landfill or the state. VDWM (Virginia Department of Waste Management) criteria for landfill disposal are listed below. Additional chemical analyses may be required by the individual landfills.

Landfill. If the TPH concentration in soils is less than 100 mg/kg and BTEX less than 10 mg/kg, they may be disposed of in any permitted sanitary or industrial landfill.

Landfill with Leachate Collector and Liners. If the soil has TPH concentrations <500 mg/kg and BTEX concentrations <10 mg/kg, the soil may be disposed of in any permitted sanitary or industrial landfill in Virginia with liners and leachate collection systems.

Exception: Chambers landfill can accept up to 1,500 mg/kg TPH in soils.

3.3.6 Ground Water Pumping

Ground water pumping systems are used to remove ground water affected by dissolved or free phase hydrocarbons and to prevent the migration of hydrocarbon plumes. Pump and treat systems can also be used in conjunction with in-situ remediation schemes such as bioremediation. Ground water pumping is a method to contain and recover the free phase, dissolved, residual and vapor hydrocarbons in the event of migration. In this scenario, pumping of ground water will create a "cone of depression," allowing the free phase product and ground water with dissolved phase hydrocarbons to move towards the recovery well.

Typical installation costs for a pump and treat system will range from \$75,000 to \$150,000.

3.3.7 Dual Phase Extraction

Dual phase extraction (DPE) technology involves the removal of ground water and vapors from the subsurface via a liquid ring dual phase pump. Typical systems put a vacuum on monitoring or extraction wells at a site to provide for the dual phase recovery. As is the case in ground water

pumping, a “cone of depression” can be created, allowing the free phase product and ground water with dissolved phase hydrocarbons to move towards the wells that are placed under a vacuum. Vacuum radii of influence can also be plotted to allow for more efficient vapor recovery. Ground water collected during operation of the system can be treated on-site and discharged, or stored for subsequent disposal. The liquid ring pump may be a mobile system that can provide for specific remediation events, or a permanent installation for long term usage.

A typical installation cost for a dual phase extraction system is approximately \$100,000 - \$175,000. Long term operating and maintenance costs are also involved.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The source of petroleum impact at the site USTs and associated product piping was repaired during Initial Abatement activities in 1992. Subsequently, all the USTs located on site were removed at various times. No petroleum saturated soils were excavated from the former UST basin however a limited site investigation conducted by GES, Inc. did indicate elevated levels of petroleum hydrocarbons did exist in the subsurface on site.

As part of the site characterization activities, **VEI** performed a total of seven (7) Power Probe borings (MW-1 through MW-7) to depths of 12 feet below the ground surface. Elevated TPH-GRO concentrations were reported in all soil samples collected from all the borings with the highest concentrations typically present at depths ranging from 4.0 feet to 8 feet below ground surface. A complete delineation of the residual-phase plume was not achieved during these SCR activities. The highest TPH-GRO (7,405 mg/kg), MTBE (22,820 µg/kg), and Total BTEX (278,897 µg/kg) concentrations were reported in the samples collected from the MW-7 boring. This data indicates that the highest concentration of residual phase is located in the immediate vicinity of the former UST basin on site. Although, residual phase petroleum contamination likely exists in areas not delineated by the soil sampling survey.

In addition to the Power Probe survey, seven (7) monitoring wells (MW-1 to MW-7) were installed on site at depths of 12 feet below ground surface. Ground water was encountered at depths ranging from 4.8 to 6.03 feet below the top of the well casing. Ground water analytical data indicated concentrations of petroleum constituents in the ground water samples obtained from monitoring wells MW-1 through MW-7. No TPH-GRO or TPH-DRO concentrations above the laboratory report limits were reported in the ground water samples collected from monitoring well MW-3. Groundwater samples collected on site contained significantly less contamination when compared to the soil samples collected from the corresponding boring location. All of the reported dissolved phase hydrocarbon concentrations are below US EPA drinking water standards and/or VDEQ regulatory guidelines.

The potential for petroleum hydrocarbon exposure via ingestion (on or off-site) is considered unlikely since domestic supply wells were not identified in the immediate area. The potential for petroleum hydrocarbon exposure via vapor inhalation is considered to be elevated.

Due to the characteristics of subsurface soils and the depth of the water table, it appears that the impact of petroleum constituents has been mostly limited to near surface soils. The zone of significant residual petroleum hydrocarbons at 4.0 to 8.0 feet below ground surface and indicates ground water has been impacted.

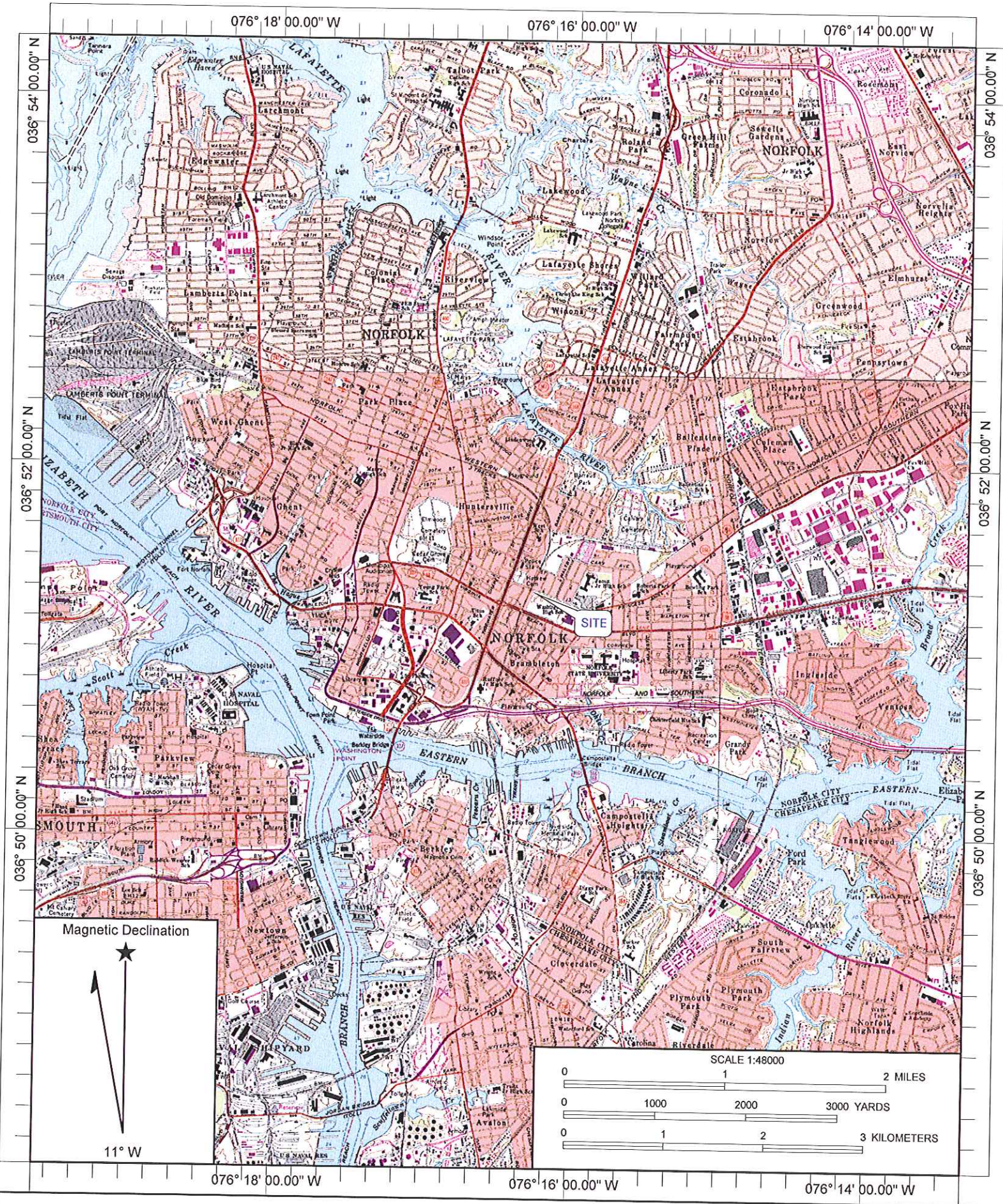
Based on the existing data, **VEI** recommends the excavation and removal of the most heavily impacted subsurface soils in the area within the former location of the UST basin, the southeastern section of the site. Soils at depths ranging from 4.0 to 8.0 feet below ground surface in an approximate 60 foot by 70 foot area should be excavated and removed to prevent potential leeching of dissolved phase petroleum hydrocarbons into the ground water. This would result in an estimated 933 tons of petroleum impacted soil being removed and disposed.

5.0 REFERENCES

Freeze, R.A., and Cherry J.A., 1985. *Ground water*. Prentice-Hall, Inc., Englewood Cliffs, New Jersey.

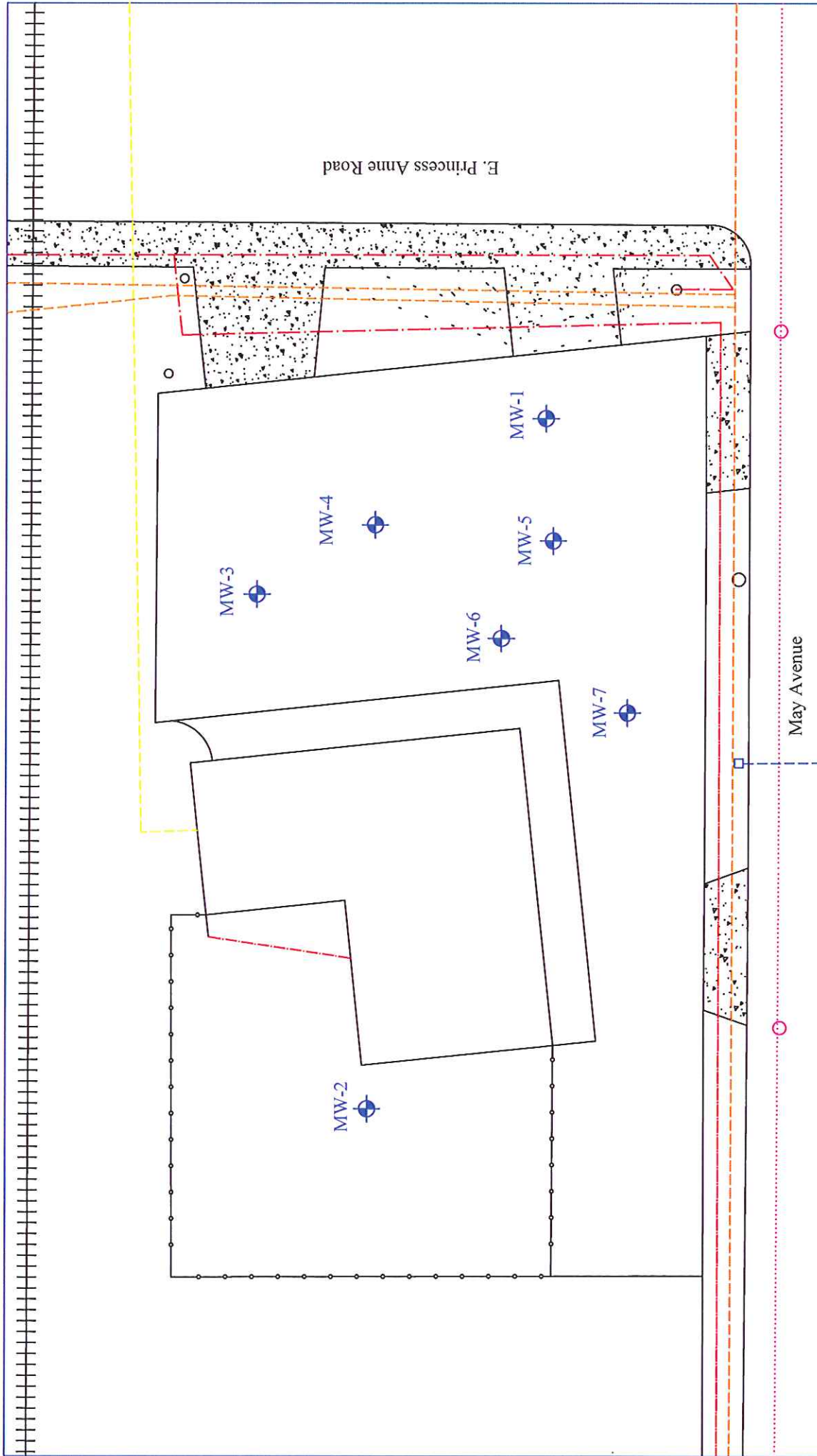
“Geologic Map of Virginia,” Virginia Division of Mineral Resources, 1993.

FIGURES



Name: NORFOLK SOUTH
 Date: 1/11/2011
 Scale: 1 inch equals 4000 feet

Location: 036° 51' 15.11" N 076° 16' 27.91" W NAD 27
 Caption: Figure 1 - Site Vicinity Map



<p>FIGURE NAME:</p>	<p>DETAILED SITE MAP</p>
<p>SITE NAME:</p>	<p>Former Park Avenue Service Center</p>
<p>CLIENT:</p>	<p>VDEQ</p>
<p>DATE:</p>	<p>11/10</p>
<p>JOB NUMBER:</p>	<p>SL10-010</p>
<p>FIGURE NUMBER:</p>	<p>2</p>

LEGEND



MONITOR WELL
LOCATION

VEI

VISTA ENVIRONMENTAL, INC.



<p>FIGURE NAME:</p>	<p>POTENTIOMETRIC SURFACE MAP</p>
<p>SITE NAME:</p>	<p>Former Park Avenue Service Center</p>
<p>CLIENT:</p>	<p>VDEQ</p>
<p>DATE:</p>	<p>11/10</p>
<p>JOB NUMBER:</p>	<p>SL10-010</p>
<p>FIGURE NUMBER:</p>	<p>3</p>

LEGEND



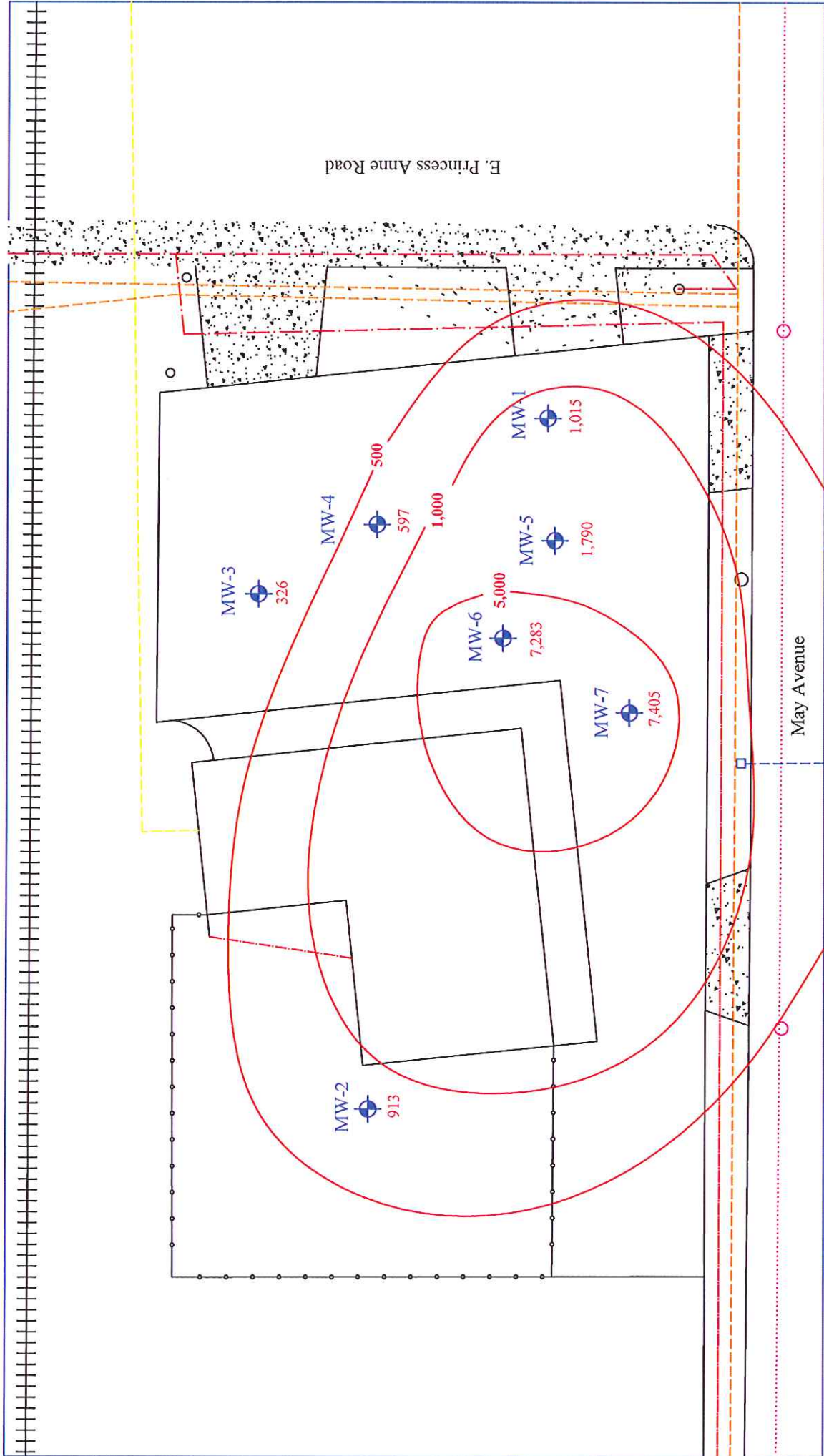
EQUIPOTENTIAL LINES
720' ANALYTICAL DATA BOX

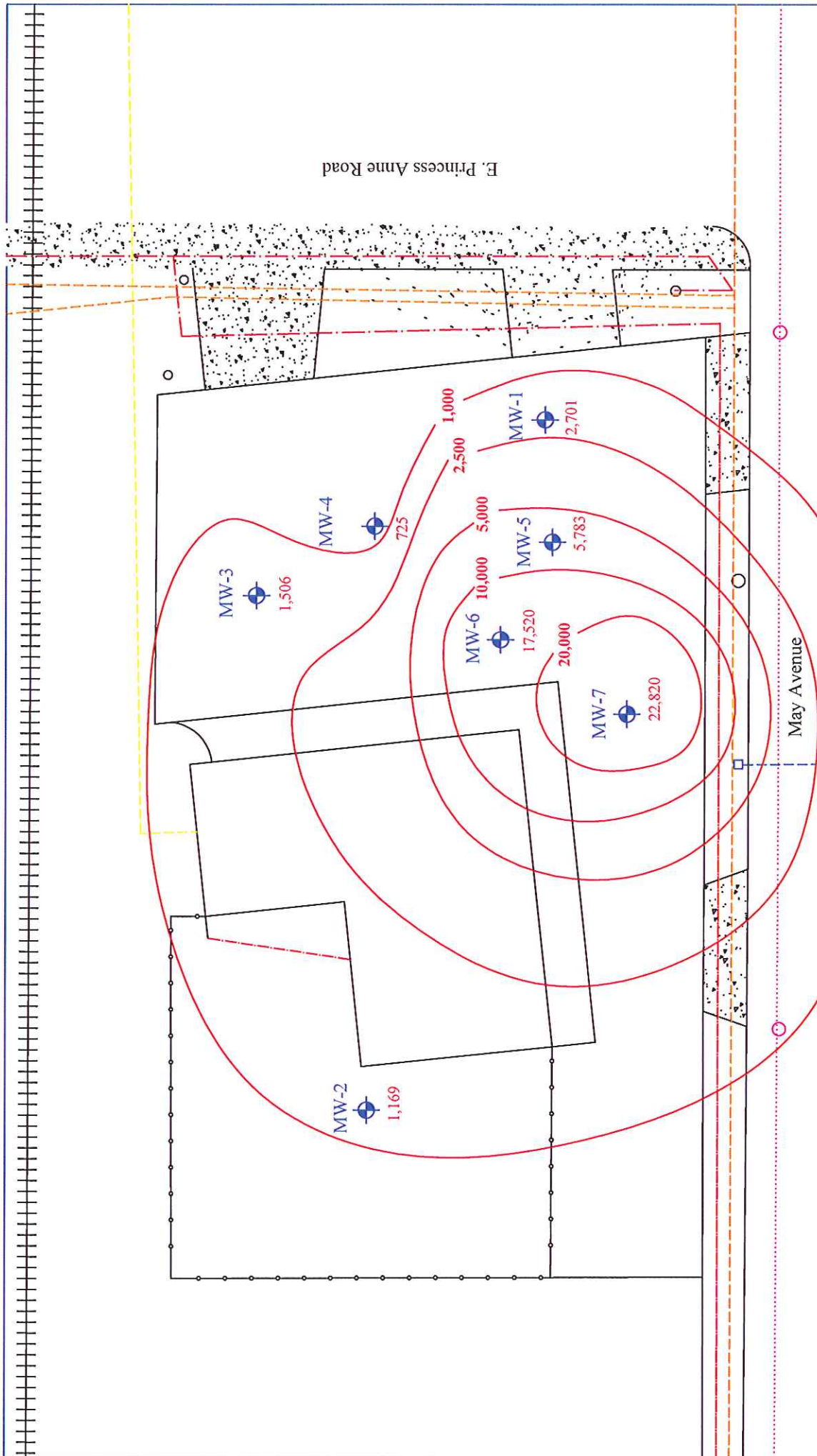
MONITOR WELL
LOCATION



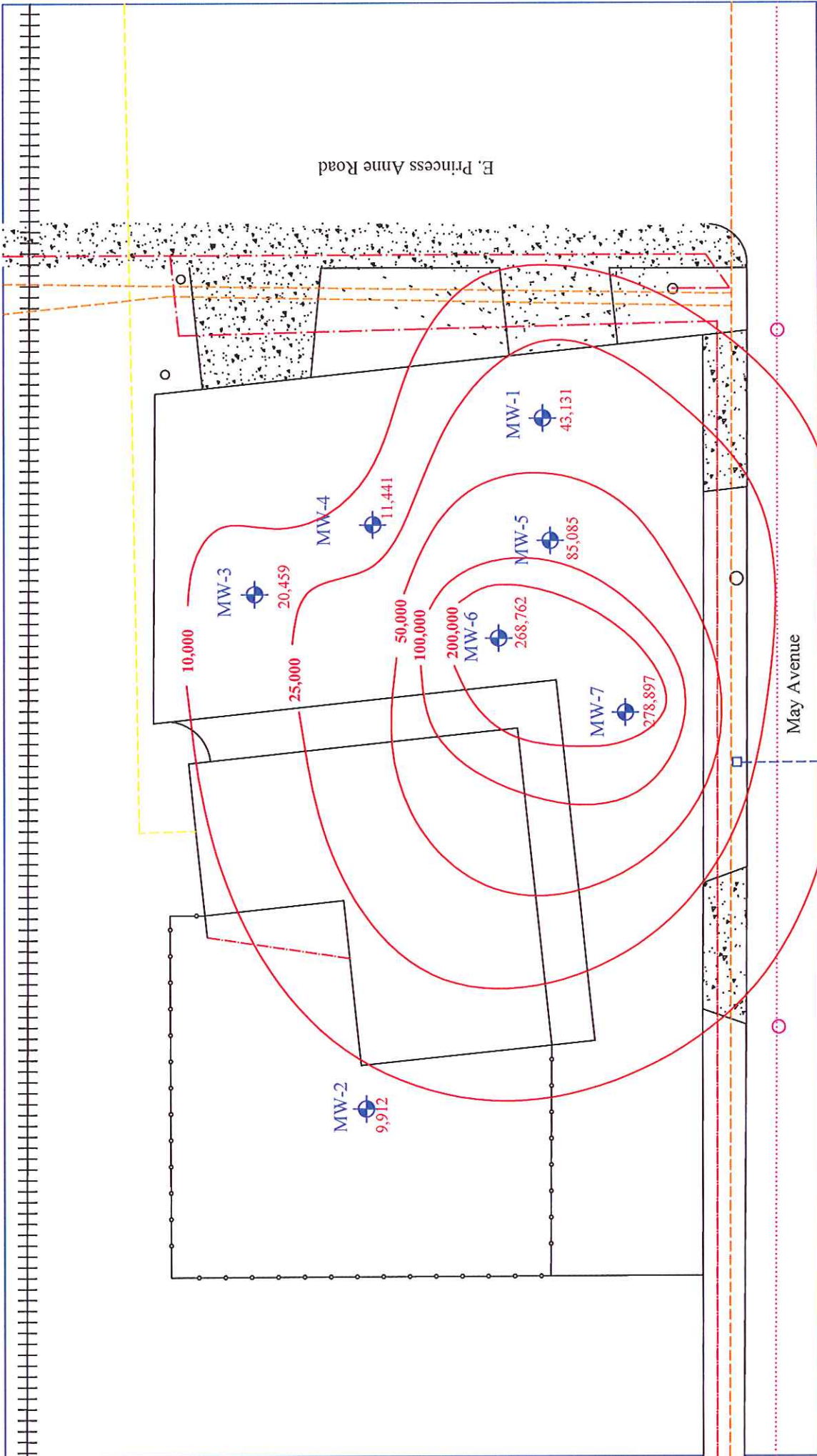
VET

VISTA ENVIRONMENTAL, INC.

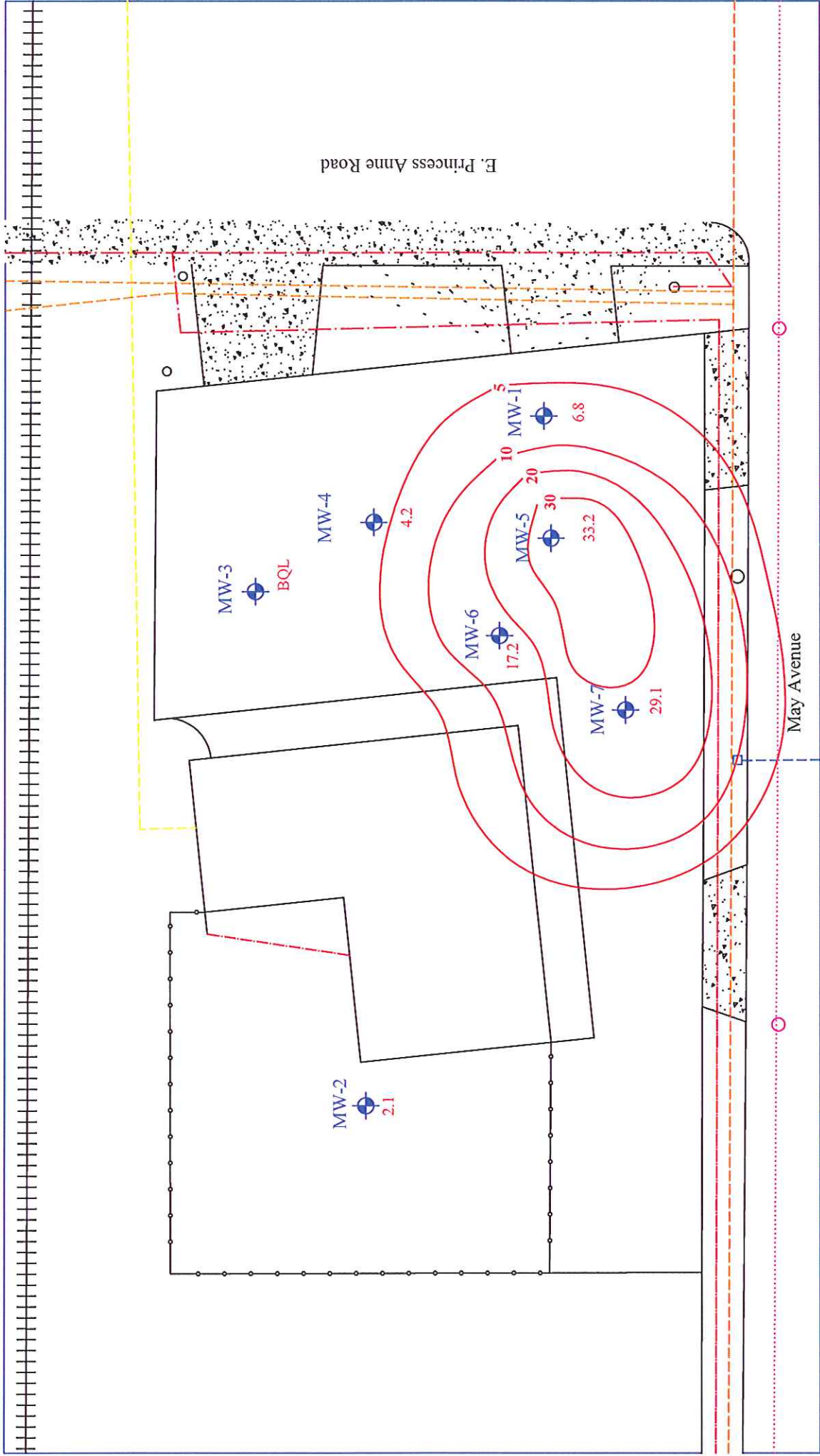




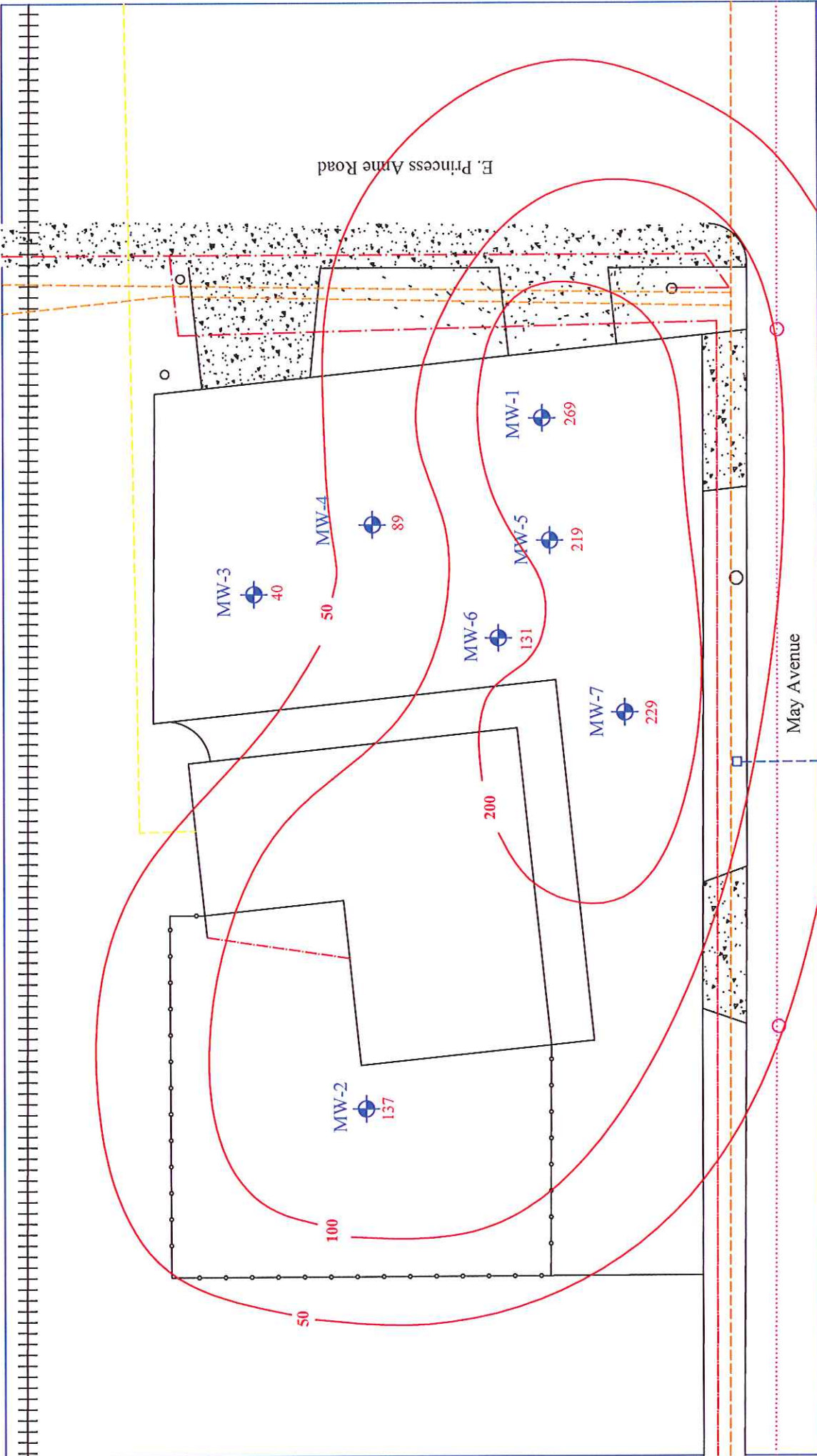
LEGEND		VEI VISTA ENVIRONMENTAL, INC.		FIGURE NAME: RESIDUAL MTBE PLUME MAP	
APPROXIMATE SCALE 0 10 20 30 40 50 Ft.		MONITOR WELL LOCATION		SITE NAME: Former Park Avenue Service Center	
RESIDUAL PHASE MTBE ISOCONCENTRATION LINES (ug/kg)		ANALYTICAL DATA BOX		CLIENT: VDEQ	
MONITOR WELL LOCATION		DATE: 11/10		FIGURE NUMBER: 5	



LEGEND 		VEI VISTA ENVIRONMENTAL, INC.	
FIGURE NAME: RESIDUAL BTEX PLUME MAP			
SITE NAME: Former Park Avenue Service Center			
CLIENT:	VDEQ	DATE:	11/10
JOB NUMBER:	SL10-010	FIGURE NUMBER:	6



<div> <p>VISTA ENVIRONMENTAL, INC.</p> </div>	<div> <p>FIGURE NAME: DISSOLVED PHASE TPH-GRO MAP</p> <p>SITE NAME: Former Park Avenue Service Center</p> <p>CLIENT: VDEQ</p> <p>JOB NUMBER: SL10-010</p> <p>DATE: 11/10</p> <p>FIGURE NUMBER: 7</p> </div>	
	<div> <p>APPROXIMATE SCALE</p> <p>0 10 20 30 40 50</p> <p>FL</p> </div>	
	<div> <p>DISSOLVED PHASE TPH ISOCONCENTRATION LINES (mg/L)</p> <p>0.5</p> </div>	
	<div> <p>ANALYTICAL DATA BOX</p> </div>	



<p>LEGEND</p> <p>APPROXIMATE SCALE</p> <p>0 10 20 30 40 50</p> <p>FL</p> <p>MONITOR WELL LOCATION</p> <p>DISSOLVED PHASE MTBE ISOCONCENTRATION LINES (ug/L)</p> <p>ANALYTICAL DATA BOX</p>	<p>VEI</p> <p>VISTA ENVIRONMENTAL, INC.</p>	<p>FIGURE NAME: DISSOLVED PHASE MTBE MAP</p> <p>SITE NAME: Former Park Avenue Service Center</p> <p>CLIENT: VDEQ</p> <p>DATE: 11/10</p> <p>JOB NUMBER: SL10-010</p> <p>FIGURE NUMBER: 8</p>
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TABLES

TABLE 1. MONITORING WELL GAUGING DATA

Well ID	Date Data Collected	Depth to Free Product (ft)	Depth to Ground Water (ft.)	Free Product Thickness (ft.)	Top of Casing Elevation (ft.)	Ground Water Elevation (ft.)
MW-1	11/5/2010	---	4.8	---	8.62	3.82
MW-2	11/5/2010	---	6.03	---	8.89	2.86
MW-3	11/5/2010	---	5.47	---	9.20	3.73
MW-4	11/5/2010	---	5.3	---	9.00	3.70
MW-5	11/5/2010	---	5.19	---	8.86	3.67
MW-6	11/5/2010	---	5.39	---	9.10	3.71
MW-7	11/5/2010	---	4.89	---	8.50	3.61

NR = No reading taken.

TABLE 2. SOIL BORING ANALYTICAL RESULTS

Sample ID	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Naphthalene (µg/kg)	MTBE (µg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl- benzene (µg/kg)	Xylenes (µg/kg)	Total BTEX (µg/kg)
MW-1	1015	18	3182	2701	2989	13982	4780	21380	43131
MW-2	913	7057	10877	1169	1469	1053	5346	2044	9912
MW-3	326	285	2510	1506	1528	3246	3251	12434	20459
MW-4	597	110	5191	725	815	1082	4058	5486	11441
MW-5	1790	186	36847	5783	752	6799	9267	68267	85085
MW-6	7283	248	19426	17520	18624	76801	33295	140042	268762
MW-7	7405	488	18516	22820	23798	87491	31306	136302	278897

Note: BQL = Below Quantitation Limit. Variable. See Appendix D

mg/kg = milligrams per kilogram (parts per million)

µg/kg = micrograms per kilogram (parts per billion)

TABLE 3. GROUND WATER ANALYTICAL RESULTS

Sample ID	TPH-GRO (mg/L)	TPH-DRO (mg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)
MW-1	6.8	0.2	269	1225	1291	120	521	3157
MW-2	2.1	1.3	137	690	15	49	102	856
MW-3	BQL	BQL	40	174	33	21	60	288
MW-4	4.2	0.2	89	396	959	136	589	2080
MW-5	33.2	2.5	219	4457	50	435	4389	9331
MW-6	17.2	1.4	131	9939	183	BQL	275	10397
MW-7	29.1	1.9	229	13509	3351	92	297	17249

Note: BQL = Below Report Limit
µg/L = micrograms per liter (parts per billion)

APPENDIX A
PHOTOGRAPHS





APPENDIX B

BORING LOGS

[illegible]

[illegible]

[illegible]

Job No.: SL10-010					Site: Princess Anne Road	Boring No.: MW-4
City/State: Norfolk, VA					Client: VDEQ	Date Drilled: 10/26/10
Crew Chief: J. Ensley					Surface Elevation: N/A	Total Depth: 12.0'
Sample Type: Continuous					Driller: VEI	Drilling Method: Direct Push
Depth (feet)	Sample Interval	Lithology	PID Sample Depth (ft)	PID (ppm)	Lithologic Description	Comments
-- 0	0'-4'				0'-0.5' Asphalt and gravel. Dark Gray	
-					0.5'-1' Light brown, medium to coarse sand fill with cobbles. Moist.	
-			2	473	1'-2' Dark gray clayey silt fill with glass and cobbles.	p/o noted beginning at 2'
-					2'-4.5' Light gray, silty clay. Firm. Moist.	
-	4'-8'					
--			5	844		Strong p/o from 5'-7'
-			6	945		
-						
-	8'-12'		8	355	4.5'-12' Gray, silty fine to medium sand. Very moist.	light p/o at 8'
--10			10	59.7		
-						
-			12	3.9		
-						
--						
-						
-						
--20					- Boring terminated at 12'	
-					- Soil sample collected at 6' for analysis	
-					- Installed 1" well to 12'	
-						
-						
--						
-						
-						
--30						
-						
-						
--						
-						
-						
--40						

[illegible]

Job No.: SL10-010					Site: Princess Anne Road	Boring No.: MW-6
City/State: Norfolk, VA					Client: VDEQ	Date Drilled: 10/26/10
Crew Chief: J. Ensley					Surface Elevation: N/A	Total Depth: 12.0'
Sample Type: Continuous					Driller: VEI	Drilling Method: Direct Push
Depth (feet)	Sample Interval	Lithology	PID Sample Depth (ft)	PID (ppm)	Lithologic Description	Comments
-- 0	0'-4'				0'-0.5' Asphalt and gravel 0.5'-1' Brown, medium to coarse sand fill with cobbles.	
-			2	67.9		
-					1'-4' Gray, poorly sorted sand and clay fill. Moist	
-	4'-8'		4	275		Light p/o at 4'
-					4'-7' Gray to orange-brown, mottled sandy clay. Very moist	Strong p/o beginning at 5'
--			6	1452		
-						
-	8'-12'		8	1146	7'-12' Gray, silty sand. Saturated.	
-						
--10			10	218		Light p/o 10'-12'
-						
-			12	59.2		
-						
--						
-						
-						
--20					- Boring terminated at 12'	
-					- Collected soil sample at 6' for analysis	
-					- Installed 1" well to 12'	
-						
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--30						
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-						
--						
-						
-						
--40						

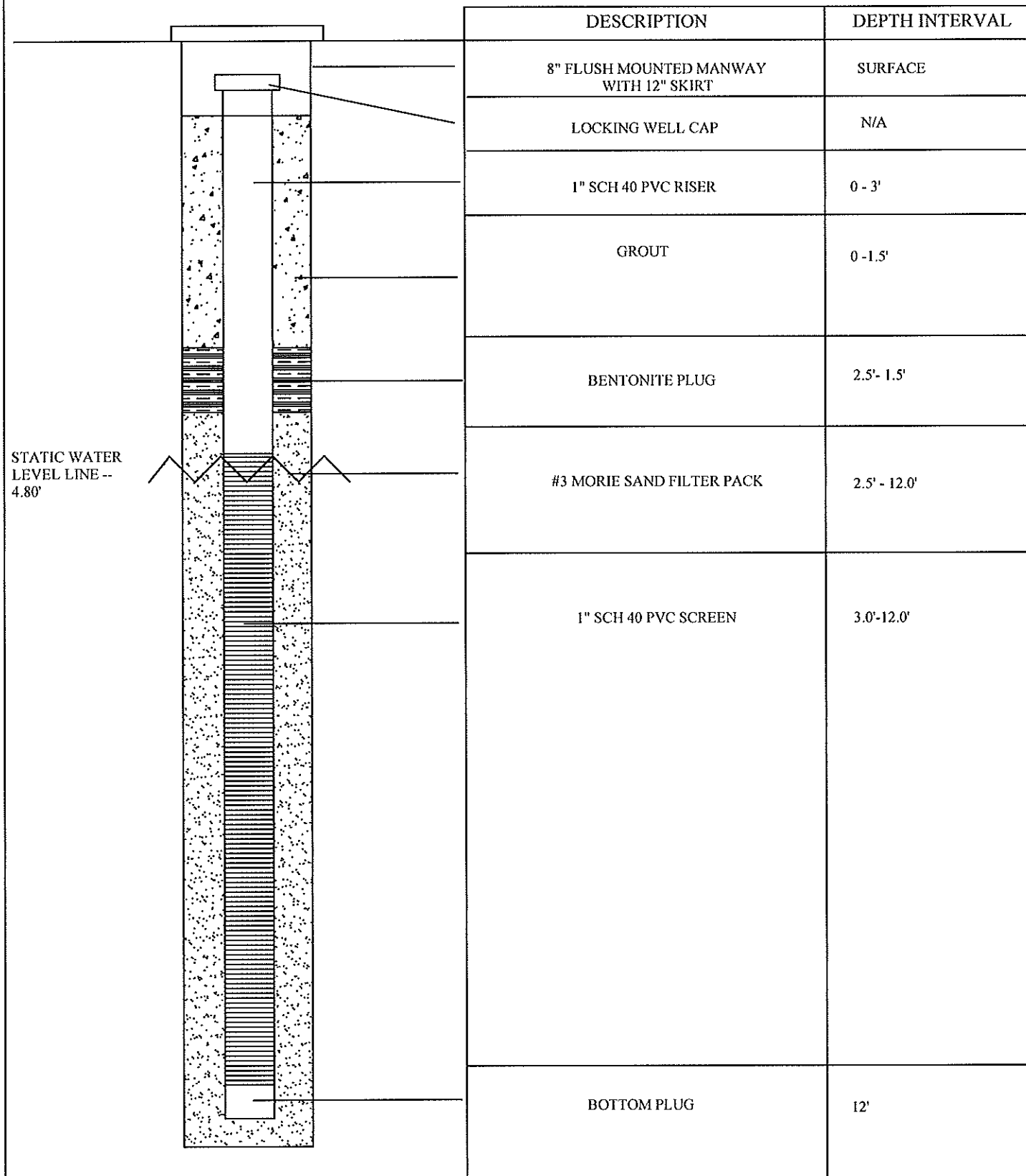
Job No.: SL10-010					Site: Princess Anne Road	Boring No.: MW-7
City/State: Norfolk, VA					Client: VDEQ	Date Drilled: 10/26/10
Crew Chief: J. Ensley					Surface Elevation: N/A	Total Depth: 12.0'
Sample Type: Continuous					Driller: VEI	Drilling Method: Direct Push
Depth (feet)	Sample Interval	Lithology	PID Sample Depth (ft)	PID (ppm)	Lithologic Description	Comments
-- 0	0'-4'				0'-0.5' Asphalt and gravel	
-					0.5'-1' Orange-brown, medium to coarse sand fill with cobbles.	
-			2	345	1'-3' Gray, silty clay. Firm. Moist.	Light p/o beginning at 1'
-						
-	4'-8'		4	1199	3'-6' Gray, silty fine to medium sandy clay.	Strong p/o beginning at 4'
--						
-			6	1241		Very strong p/o 6'-8'
-						
-	8'-12'		8	1466		
-					6'-12' Gray, silty fine to medium sand. Very moist to saturated.	
--10			10	286		Lighter p/o beginning at 10'
-						
-			12	157		
-						
-						
--						
-						
-						
-						
--20					- Boring terminated at 12'	
-					- Collected soil sample at 6' for analysis	
-					- Installed 1" well to 12'	
-						
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--30						
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--40						

APPENDIX C

MONITORING WELL DIAGRAMS

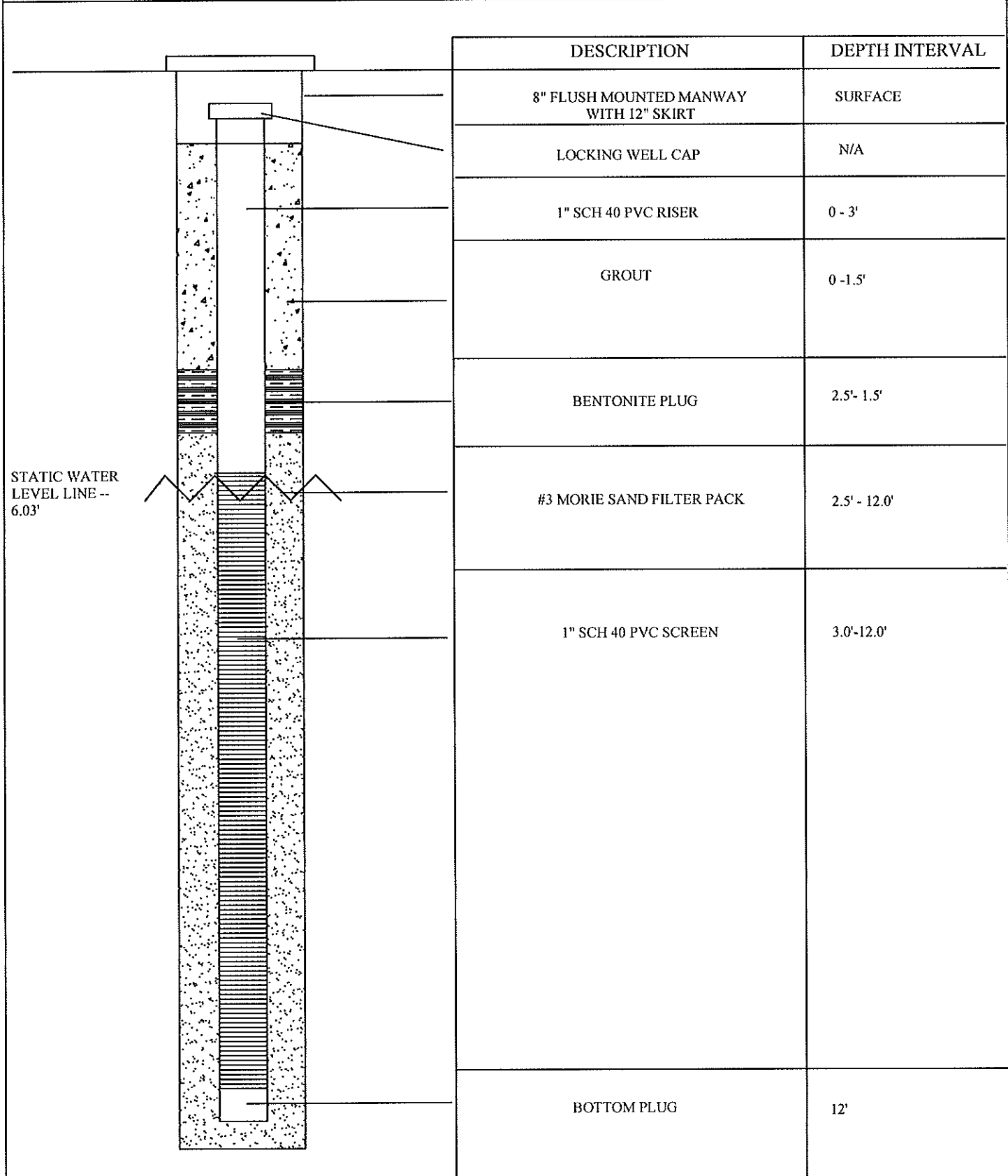
MONITORING WELL CONSTRUCTION DIAGRAM

JOB #: SL10-010	DRILLER: VEI	SURFACE COMPLETION: FLUSH MOUNT MANWAY	RISER: 1" O.D. SCH 40 PVC FLUSH THREADED
SITE NAME: PRINCESS ANNE ROAD	METHOD: DIRECT PUSH	GROUT: SACRETE	
LOCATION: NORFOLK, VA.	DATE INSTALLED: VARIOUS DATES	BENTONITE: POWDER/GEL	SCREEN: 1" O.D. SCH 40 PVC FLUSH THREADED 0.020" SLOT
WELL ID: MW-1	TOTAL DEPTH: 12.0'	SAND FILTER: #3 MORIE	



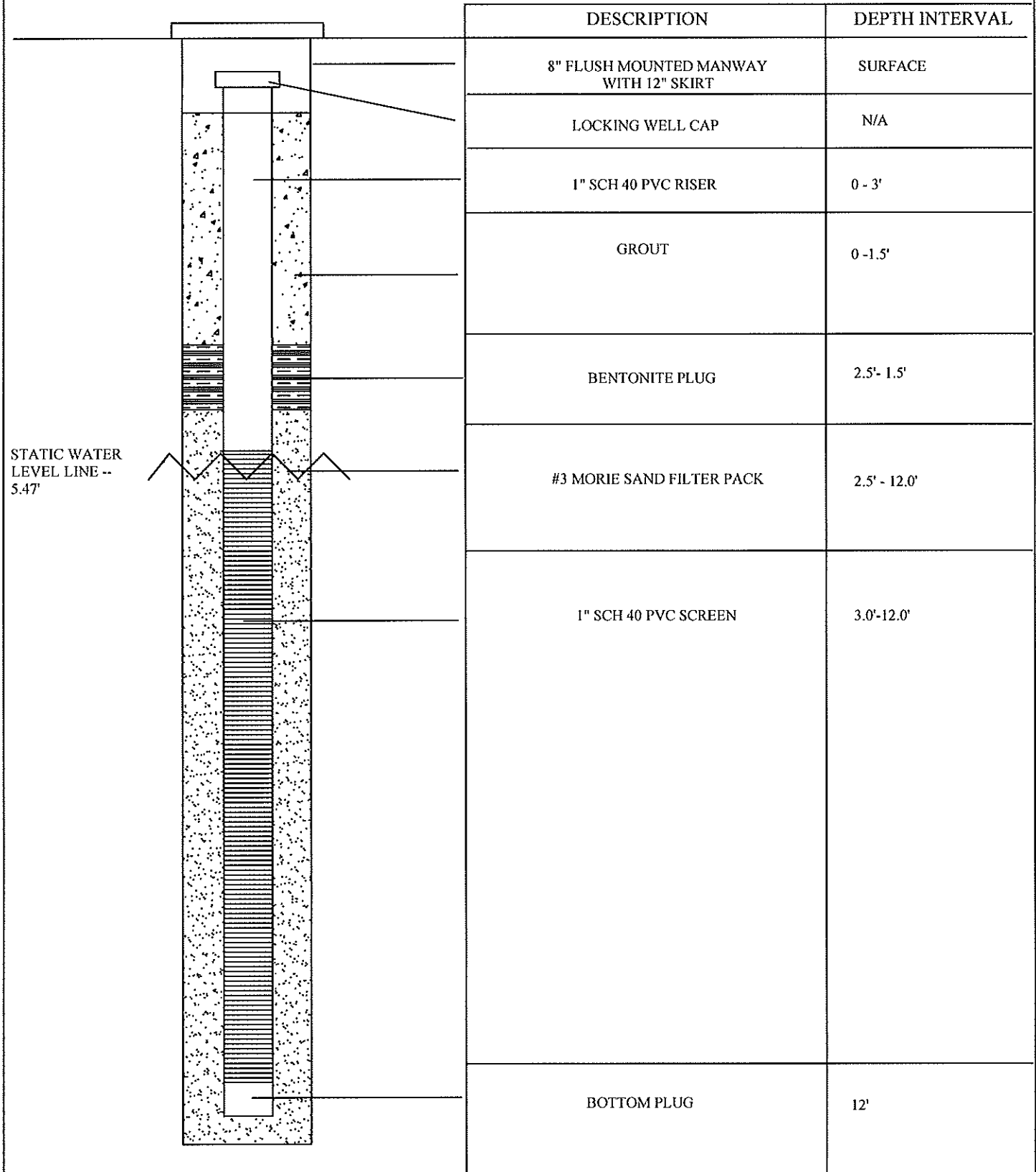
MONITORING WELL CONSTRUCTION DIAGRAM

JOB #: SL10-010	DRILLER: VEI	SURFACE COMPLETION: FLUSH MOUNT MANWAY	RISER: 1" O.D. SCH 40 PVC FLUSH THREADED
SITE NAME: PRINCESS ANNE ROAD	METHOD: DIRECT PUSH	GROUT: SACRETE	
LOCATION: NORFOLK, VA.	DATE INSTALLED: VARIOUS DATES	BENTONITE: POWDER/GEL	SCREEN: 1" O.D. SCH 40 PVC FLUSH THREADED 0.020" SLOT
WELL ID: MW-2	TOTAL DEPTH: 12.0'	SAND FILTER: #3 MORIE	



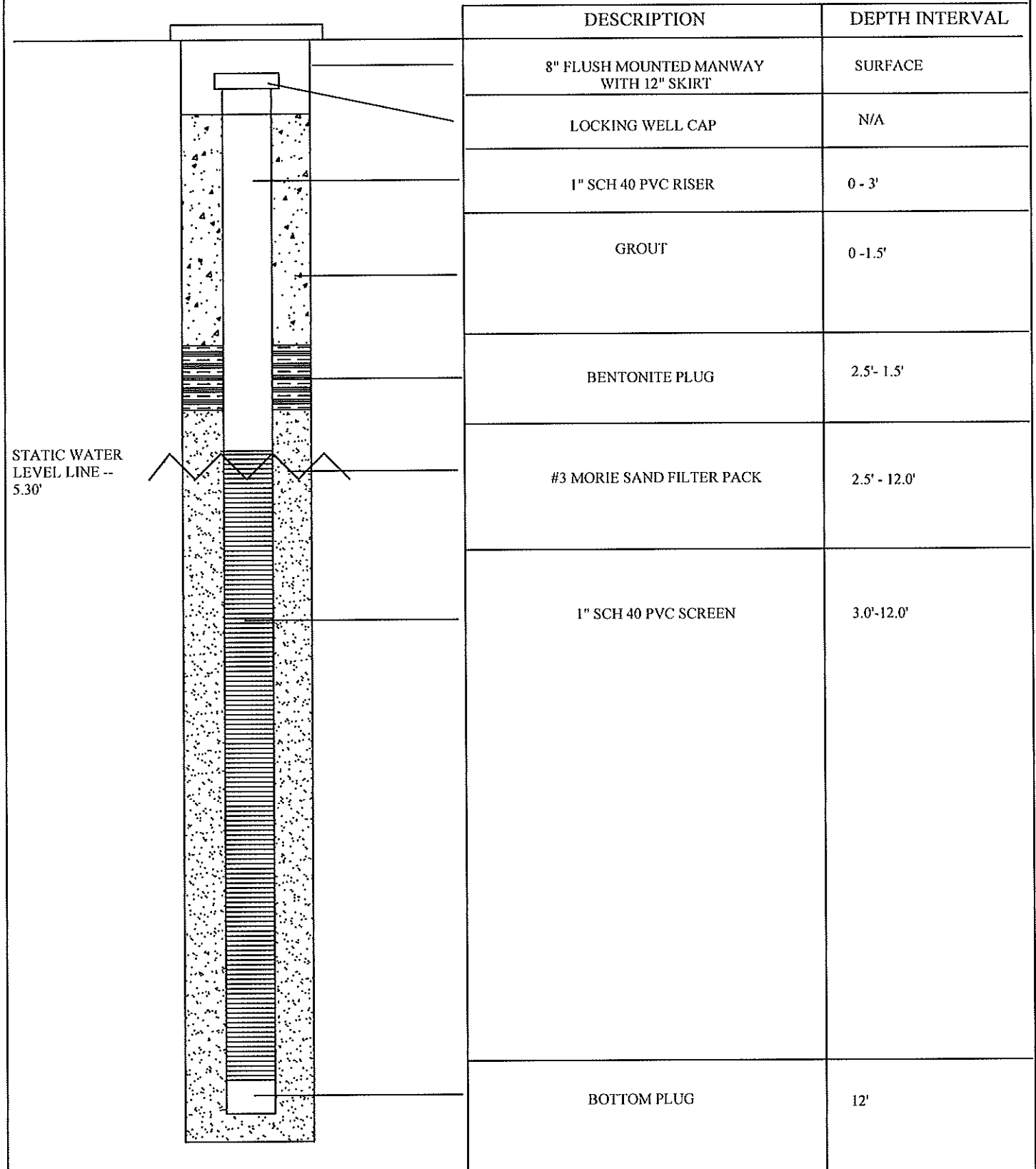
MONITORING WELL CONSTRUCTION DIAGRAM

JOB #: SL10-010	DRILLER: VEI	SURFACE COMPLETION: FLUSH MOUNT MANWAY	RISER: 1" O.D. SCH 40 PVC FLUSH THREADED
SITE NAME: PRINCESS ANNE ROAD	METHOD: DIRECT PUSH	GROUT: SACRETE	
LOCATION: NORFOLK, VA.	DATE INSTALLED: VARIOUS DATES	BENTONITE: POWDER/GEL	SCREEN: 1" O.D. SCH 40 PVC FLUSH THREADED 0.020" SLOT
WELL ID: MW-3	TOTAL DEPTH: 12.0'	SAND FILTER: #3 MORIE	



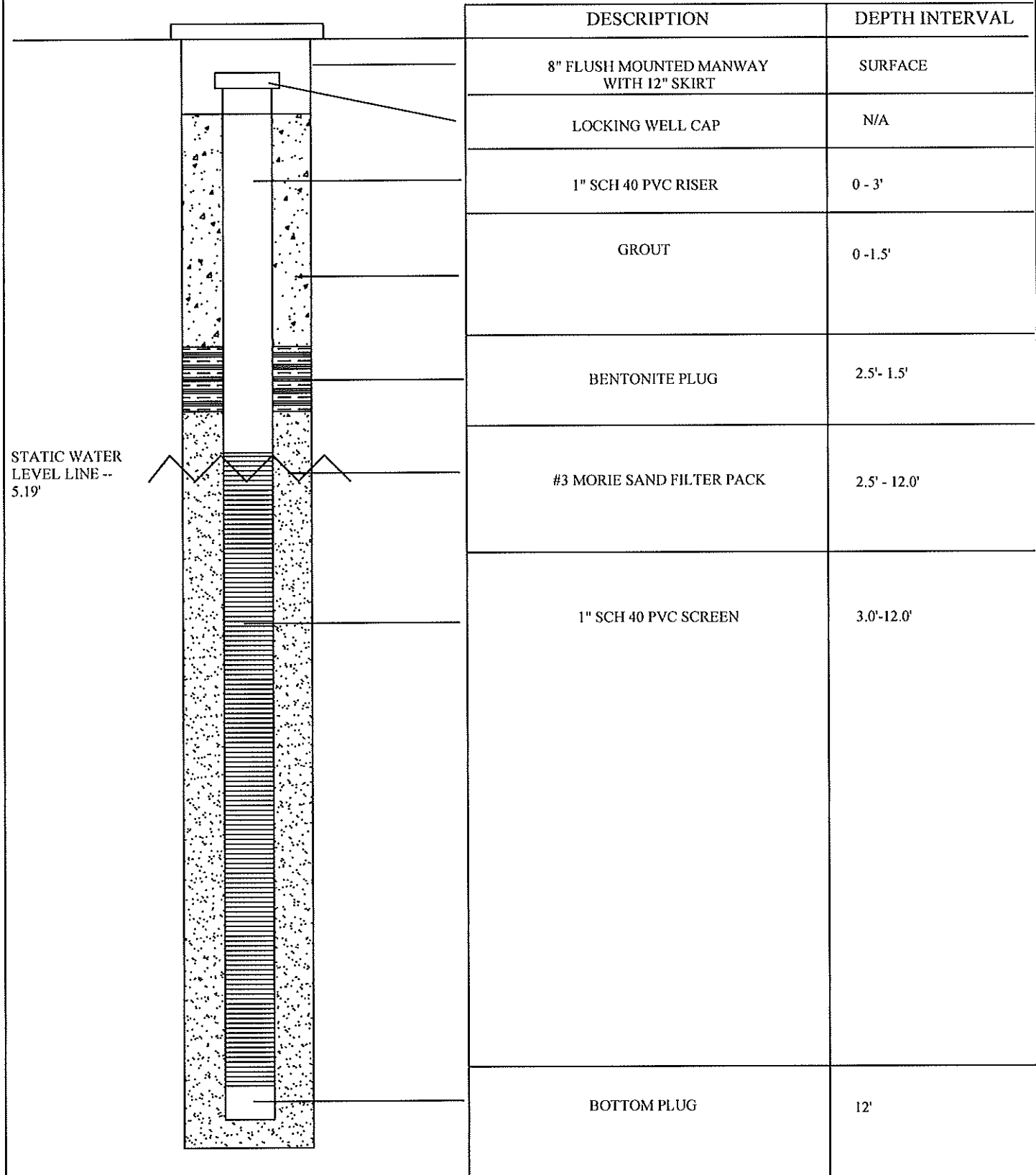
MONITORING WELL CONSTRUCTION DIAGRAM

JOB #: SL10-010	DRILLER: VEI	SURFACE COMPLETION: FLUSH MOUNT MANWAY	RISER: 1" O.D. SCH 40 PVC FLUSH THREADED
SITE NAME: PRINCESS ANNE ROAD	METHOD: DIRECT PUSH	GROUT: SACRETE	
LOCATION: NORFOLK, VA.	DATE INSTALLED: VARIOUS DATES	BENTONITE: POWDER/GEL	SCREEN: 1" O.D. SCH 40 PVC FLUSH THREADED 0.020" SLOT
WELL ID: MW-4	TOTAL DEPTH: 12.0'	SAND FILTER: #3 MORIE	



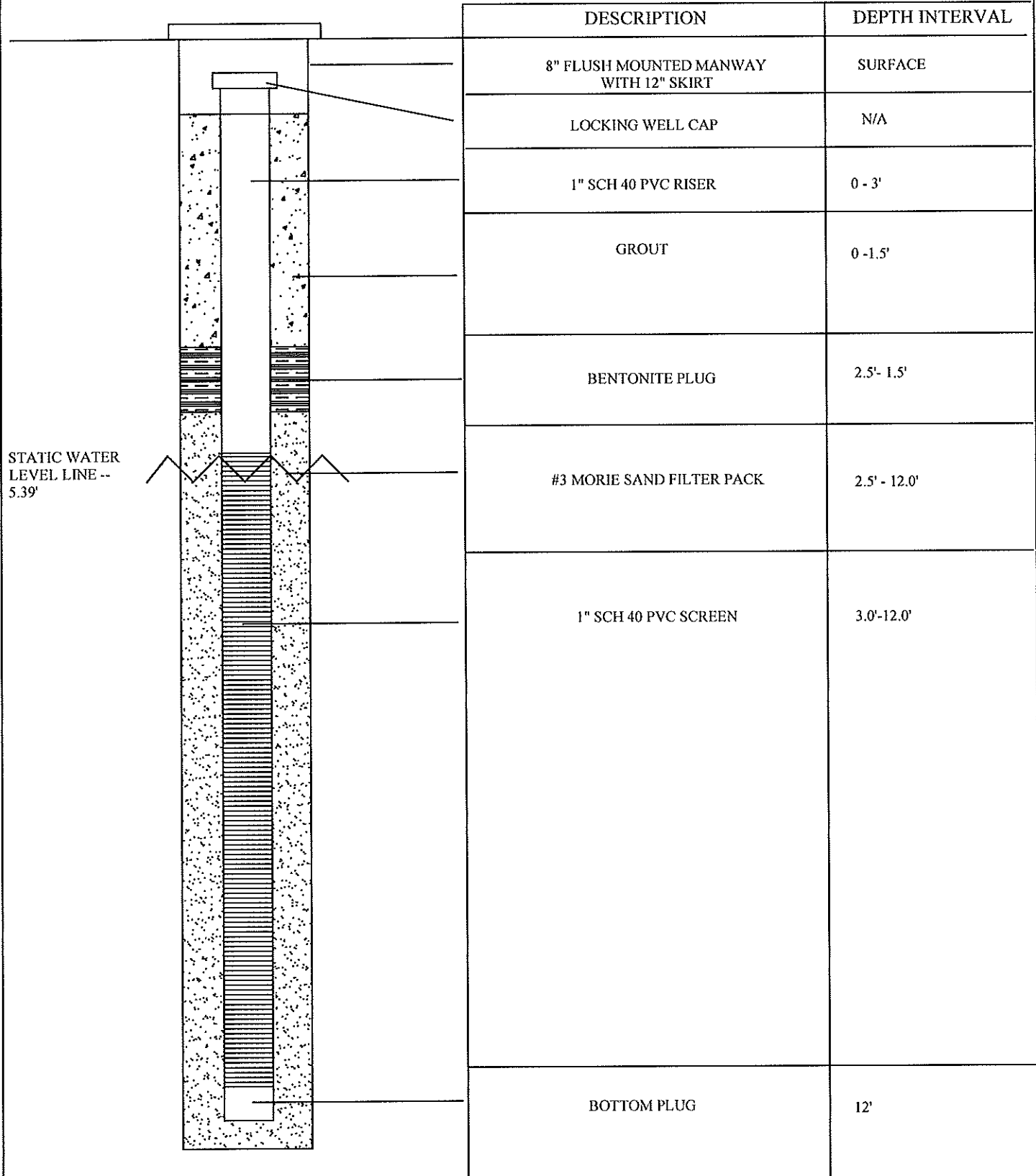
MONITORING WELL CONSTRUCTION DIAGRAM

JOB #: SL10-010	DRILLER: VEI	SURFACE COMPLETION: FLUSH MOUNT MANWAY	RISER: 1" O.D. SCH 40 PVC FLUSH THREADED
SITE NAME: PRINCESS ANNE ROAD	METHOD: DIRECT PUSH	GROUT: SACRETE	
LOCATION: NORFOLK, VA.	DATE INSTALLED: VARIOUS DATES	BENTONITE: POWDER/GEL	SCREEN: 1" O.D. SCH 40 PVC FLUSH THREADED 0.020" SLOT
WELL ID: MW-5	TOTAL DEPTH: 12.0'	SAND FILTER: #3 MORIE	



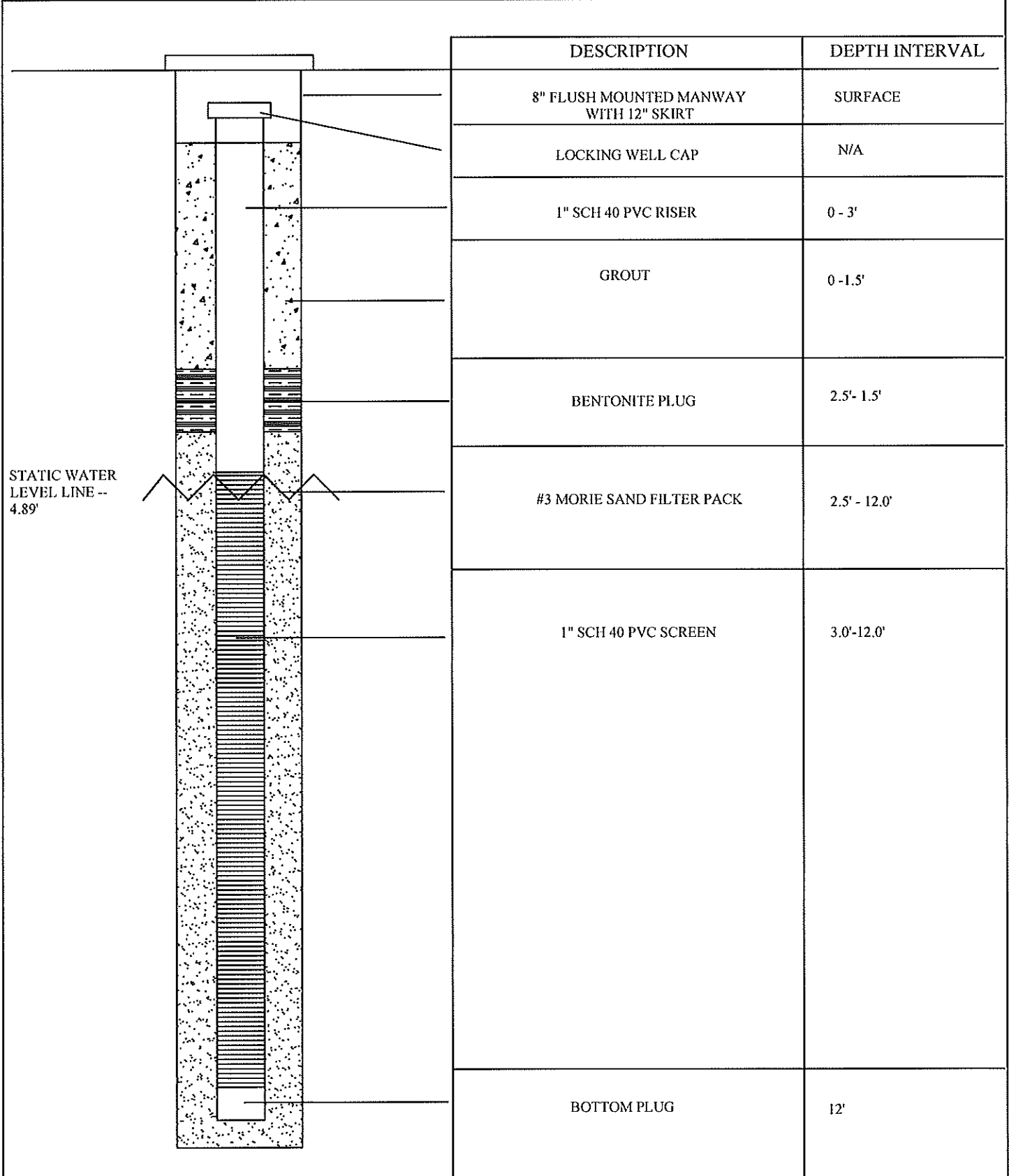
MONITORING WELL CONSTRUCTION DIAGRAM

JOB #: SL10-010	DRILLER: VEI	SURFACE COMPLETION: FLUSH MOUNT MANWAY	RISER: 1" O.D. SCH 40 PVC FLUSH THREADED
SITE NAME: PRINCESS ANNE ROAD	METHOD: DIRECT PUSH	GROUT: SACRETE	
LOCATION: NORFOLK, VA.	DATE INSTALLED: VARIOUS DATES	BENTONITE: POWDER/GEL	SCREEN: 1" O.D. SCH 40 PVC FLUSH THREADED 0.020" SLOT
WELL ID: MW-6	TOTAL DEPTH: 12.0'	SAND FILTER: #3 MORIE	



MONITORING WELL CONSTRUCTION DIAGRAM

JOB #: SL10-010	DRILLER: VEI	SURFACE COMPLETION: FLUSH MOUNT MANWAY	RISER: 1" O.D. SCH 40 PVC FLUSH THREADED
SITE NAME: PRINCESS ANNE ROAD	METHOD: DIRECT PUSH	GROUT: SACRETE	
LOCATION: NORFOLK, VA.	DATE INSTALLED: VARIOUS DATES	BENTONITE: POWDER/GEL	SCREEN: 1" O.D. SCH 40 PVC FLUSH THREADED 0.020" SLOT
WELL ID: MW-7	TOTAL DEPTH: 12.0'	SAND FILTER: #3 MORIE	





COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE

5636 Southern Boulevard, Virginia Beach, Virginia 23462

(757) 518-2000 Fax (757) 518-2103

www.deq.virginia.gov

Fax # (757) 518-2009

L. Preston Bryant, Jr.
Secretary of Natural Resources

David K. Paylor
Director

Francis L. Daniel
Regional Director

December 5, 2007

Norfolk Recycling Corporation
Attn: Warren Richard
1148 E. Princess Anne Road
Norfolk, VA 23504

Re: **Final Phase II Environmental Site Assessment (ESA) and Site Mitigation Report**
Site Name/Location: Norfolk Recycling, 1148 E. Princess Anne Road, Norfolk
DEQ Tracking Number: PC#2008-5026

Dear Mr. Richard:

Thank you for having Mr. Ed Dullaghan of the URS Corporation report a discharge of oil on September 24, 2007, for the referenced site. Based upon the available information, the State Water Control Board acting through the Department of Environmental Quality (DEQ), as authorized by CODE § 62.1-44.34:14 through 23, has determined that contamination levels at this site do not warrant further corrective action. This pollution complaint case is now closed. Should future environmental problems occur, which the DEQ determines are related to this discharge, additional investigation and corrective action may be required in accordance with State Law.

If you have any questions regarding this matter, please contact Mr. John Settle by phone at (757) 518-2179 or by email at jrsettle@deq.virginia.gov or Ms. LeAnn Moran at (757) 518-2126 or by email at lmoran@deq.virginia.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "LeAnn Moran".

LeAnn Moran
Geologist Senior
Remediation Program

A handwritten signature in black ink, appearing to read "John R. Settle, III".

John R. Settle, III
Pollution Response Program Coordinator
Remediation Program

cc: Mr. Ed Dullaghan, URS Corporation
✓File PC# 2008-5026

Appendix F

User Questionnaire

USER QUESTIONNAIRE¹

Site Name: Red Carpet
Site Address: Intersection of E. VA Beach & Tidewater Dr.

In reference to Section 6, User Responsibilities, of the ASTM E1527-13 Standard Practice, the Environmental Professional (SCS Engineers) for this Phase I ESA is required to inquire with the user (Client) regarding their knowledge or possession of information that may assist in identifying recognized environmental conditions (RECs) pertaining to the Subject Site.

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by USEPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the Environmental Professional overseeing this Phase I ESA. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

(1) Environmental Cleanup Liens (40 CFR 312.25). Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?

☐ Yes ☒ No

If Yes, explain and/or provide information:

(2) Activity and Use Limitations (40 CFR 312.26(a)(1)(v) and (vi)). Did a search of recorded land title records (or judicial records, where appropriate) identify any AULs such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

☐ Yes ☒ No

If Yes, explain and/or provide information:

(3) Specialized Knowledge or Experience (40 CFR 312.28). Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☐ Yes ☒ No

If Yes, explain and/or provide information:

¹ The document is designed to comply with Section X3, User Questionnaire, of ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, and the USEPA AAI regulations (40 CFR §312).

SCS ENGINEERS

(4) Purchase Price vs. Fair Market Value (40 CFR 312.29). Does the purchase price being paid for this property reasonably reflect the fair market value of the property? ☐ Yes ☒ No *N/A*

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? ☐ Yes ☒ No *N/A*

If Yes, explain and/or provide information:

(5) Commonly Known or Reasonably Ascertainable Information (40 CFR 312.30). Are you aware of commonly known or reasonably ascertainable information about the property that would help the Environmental Professional to identify conditions indicative of releases or threatened releases? For example,

- (a) Do you know the past use of the property? ☒
- (b) Do you know specific chemicals that are present or once were present at the property? *No*
- (c) Do you know of spills or other chemical releases that have taken place at the property? *No*
- (d) Do you know of any environmental cleanups that have taken place at the property? *No*

☒ Yes ☐ No to all

If Yes, explain and/or provide information:

There was a Red Carpet inn on the site.

(6) Obvious Indications of Contamination (40 CFR 312.31). Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination of the property?

☐ Yes ☒ No

If Yes, explain and/or provide information:

Name: Zubin Adrianeh

Title: Project Manager

Date: 7/12/19